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YONGSAN AB, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WEATHER O--ETC(U)
JUN 81

UNCLASSIFIED USAFETAC/DS-81/064

SBIE-AD-E850 092

NL

1 of 3
AC
5/10/81

1 2

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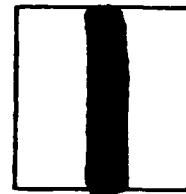
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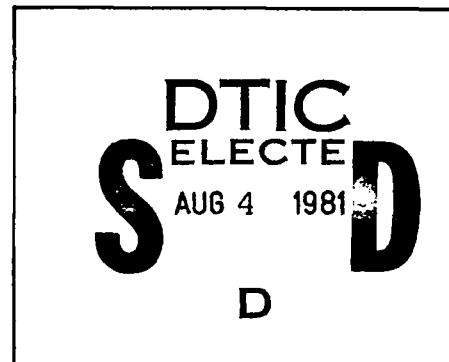
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ADE 850 092
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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

YONGSAN AB KO WEAN# 45279
N 37 31 E 127 00 FLD ELEV 49 FT RKS Y WMO#
PARTS A, C-F
POR FROM HOURLY OBS: JAN 73-MAY 80
TIME CONVERSION: GMT TO LST = + 9

JUN 04 1981

FEDERAL BUILDING
ASHEVILLE, N. C.

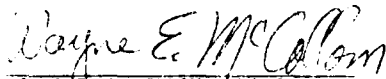
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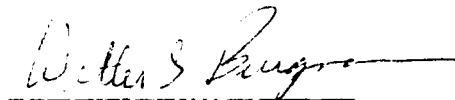
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This technical report has been reviewed and is approved for publication.



WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER



WALTER S. BURGMANN
AWS Scientific and technical
Information Officer (STINFO)

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ADE 850 092

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-81/064	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- YONGSAN AB, KOREA	5. TYPE OF REPORT & PERIOD COVERED Final rept.	
6. AUTHOR	7. PERFORMING ORG. REPORT NUMBER	
8. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225	9. CONTRACT OR GRANT NUMBER(s)	
10. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225	11. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
12. REPORT DATE 04 JUN 81	13. NUMBER OF PAGES 253	
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. WORDS (Continue on reverse side if necessary, and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary, and identify by block number) This report is a six-part statistical summary of surface weather observations for YONGSAN AB, KOREA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM
1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* KOREA *YONGSAN AB, KO

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The hourly sections of this summary were produced using data for less than 24 hours observations per day for most of the period of record. The period of record and observation count per page reflect these reduced number of observations. The result is a summary biased toward those hours for which observations were available for the entire period of record. Therefore, the hourly "ALL, "TOTAL" and "DEVIATION" summaries should be disregarded or used with extreme caution. In this respect, the hourly sections are a summary of specific hours only and not a true RUSSWO. Suspect pages are identified by a red stamp.

"USE WITH CAUTION

SEE FRONT PAGE"

The daily data sections have been deleted.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	00-02, 03-05, 18-20, 21-23	APRIL	00-02, 03-05, 18-20, 21-23	JULY	00-02, 03-05, 18-20, 21-23	OCTOBER	00-02, 03-05, 18-20, 21-23
FEBRUARY	"	MAY	"	AUGUST	"	NOVEMBER	"
MARCH	"	JUNE	"	SEPTEMBER	"	DECEMBER	"

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WFO NUMBER
43279	Yongsan AB, Korea	N 37.31	E 127.00	49	RKSY	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Seoul City AB, KO	AB	Mar 53	Mar 54	N 37 32	E126.57	34	N/A	14
2	Same	Same	Apr 54	May 55	Same	Same	32	N/A	
3	Unk	Unk	Jun 55	Feb 72	Unk	Unk	Unk	Unk	
4	Yongsan Resvr. KO	AI	Mar 72	May 81	N 37.31	E 127.00	49	N/A	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 53	Located on top of control tower	AN/GMQ-1	N/A	55 ft	
2	Mar 54	324 ft W of Weather Station on top of tower	Same	Same	74 ft	
3	Apr 54- Feb 72	Unk	Unk	Unk	Unk	
4	Mar 72	Located on top of control tower	T-420	N/A	35 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

1
2

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USE WITH CAUTION
SEE INSTRUCTIONS

WEATHER CONDITIONS

4-1-77 YONGBAY AB KC 73-60 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02												
	03-05												
	06-08		1.1		4.1		5.2	36.2	11.4			47.6	126
	09-11		2.1		5.6		7.7	26.3	27.1			61.4	620
	12-14		2.0		4.7		7.3	7.4	42.9			57.3	574
	15-17	.2	3.0		4.7		8.1	5.1	27.4			32.5	537
	18-20												
	21-23												
TOTALS		.1	2.4		4.2		7.1	13.2	29.7			42.5	2267

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USE WITH STATION
SPECIFIC INSTRUCTIONS

WEATHER CONDITIONS

4-277 YONGSAN AB KO

75-81

FL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	0-23												
	01-23												
	06-10		5.6		5.0		9.7	24.4	20.0			44.4	454
	09-11		4.7		4.3	.2	9.1	18.8	40.1			40.1	553
	12-14		3.3		3.3		7.0	2.3	41.1		.4	44.3	146
	15-17		4.7		4.3		9.1	1.7	25.6		.2	27.5	409
	18-20												
	21-23												
TOTALS			4.6		4.4	.1	8.7	11.9	31.7		.2	43.7	2007

WEATHER CONDITIONS

24-

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS.
MAY	02-03												
	03-05												
	06-08		6.0		1.5		7.5	27.1	19.4		.2	56.7	547
	09-11		6.1		1.1		6.6	18.6	41.5		.5	5.2	537
	12-14	.2	6.0		1.7		7.5	3.6	30.7		.2	34.2	558
	15-17		7.7		.7		6.6	2.1	16.6		.6	21.2	533
	18-20												
	21-23												
TOTALS		.1	6.5		1.3		7.4	15.5	27.3		.4	43.1	2302

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LETTER OF INTENTION
SEE FIRST PAGE

WEATHER CONDITIONS

4-7- YONGSAN AP KU

73-81

AP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-23												
	03-05												
	06-08		7.8				7.8	28.6	21.3		.4	5.5	29
	09-11		9.8				9.8	7.6	33.2		.6	41.9	614
	12-14		9.9				9.9	2.3	20.1		.2	22.6	567
	15-17		7.9				7.9	1.3	11.6		.6	15.7	519
	18-20												
	21-23												
TOTALS			8.9				8.9	10.1	21.6		.5	32.2	2221

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USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

73-8

YONGSAN AF KO

73-8

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-01												
	03-05												
	06-08	.4	5.9				5.9	30.3	15.9		.2	50.4	529
	09-11	.6	7.1				7.1	7.9	42.0			49.9	617
	12-14	.4	7.9				7.9	2.1	31.0		.2	23.3	567
	15-17	.4	7.4			.2	7.6	2.3	14.9			17.2	524
	18-20												
	21-23												
TOTALS		.5	7.1			.1	7.1	10.7	16.0		.1	30.7	2236

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WEATHER CONDITIONS

4 79
STATION

YONGJIAN AB KC
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-01												
	03-05												
	06-08	.2	12.3				12.8	40.3	21.4			31.6	477
	09-11		8.9				3.9	14.7	27.1			51.7	531
	12-14	.2	8.3				8.3	2.9	19.9			32.8	481
	15-17		11.0				11.0	1.6	19.3			22.9	435
	18-20												
	21-23												
TOTALS		.1	10.3				10.3	14.9	16.9			41.2	1931

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CENTRAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

41 73 YONGBAN AB KC
STATION

STATION NAME

73-79

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-01												
	03-05												
	06-08	.4	17.2				17.2	44.9	10.7			55.5	488
	09-11	.2	15.				15.0	15.7	39.1			44.0	540
	12-14	.6	14.5				14.5	5.2	24.0		.4	30.4	484
	15-17	1.1	14.0				14.0	3.6	30.9		.2	31.0	444
	18-20												
	21-23												
TOTALS		.6	15.2				15.2	17.4	21.4		.2	36.9	1956

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WEATHER CONDITIONS

4777
STATION

YONGSAN AB KC

STATION NAME

73-79

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-01												
	03-05												
	06-08	.4	15.0				15.0	35.7	9.2			44.9	501
	09-11	.7	14.				14.0	12.5	25.4			30.0	506
	12-14	.4	11.7				11.7	2.8	19.4			22.3	537
	15-17	.6	11.0				11.0	.4	16.7			17.1	474
	18-20												
	21-23												
TOTALS		.5	12.9				12.9	12.9	17.7			30.0	2071

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WEATHER CONDITIONS

40074 YONGJIAN AB KO 73-79 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING- RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02												
	03-05												
	06-08		9.5				9.5	41.9	7.1			49.0	405
	09-11		7.9				7.7	19.5	26.5			46.0	533
	12-14	.2	5.3				5.3	1.8	20.2			22.0	491
	15-17	.2	4.7				4.7	1.4	9.2			13.6	444
	18-20												
	21-23												
TOTALS		.1	6.9				6.9	16.2	15.9			31.9	1733

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WEATHER CONDITIONS

41-79

STATION

YONGSAN AB KO

STATION NAME

73-79

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-01												
	03-05												
	06-08		7.8				7.8	49.7	13.7			63.4	475
	09-11		7.1				7.1	20.7	38.5			59.2	537
	12-14		4.7				4.7	1.6	30.5			32.1	492
	15-17	.2	5.6				5.6	1.0	17.4			18.4	414
	18-20												
	21-23												
TOTALS		.1	6.3				6.3	18.3	25.0			43.3	1918

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WEATHER CONDITIONS

1	YONGSAN AB KC	73-79	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	10-30												
	03-09												
	16-28		5.1		.5		5.7	41.5	7.6			49.3	473
	09-11	.2	4.9		1.5		6.4	23.2	32.4			55.6	534
	12-14		3.2		1.4		4.0	4.0	35.1			40.2	496
	15-17	.5	5.1		.9		5.5	1.8	23.3			20.2	433
	18-20												
	21-23												
TOTALS		.2	4.6		1.1		5.6	17.7	24.9			42.6	1938

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

41 75 YONGSAN AB KO 73-79 010 MONTH
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
010	0-02												
	03-05												
	06-08		7.1		3.3		10.0	44.9	9.2			54.1	479
	09-11		5.8		3.5		9.3	39.3	27.4		.4	67.0	537
	12-14		3.2		3.0		6.6	12.9	45.2			53.1	497
	15-17	.7	2.3		3.7	.2	6.5	5.8	28.1			33.4	434
	18-20												
	21-23												
TOTALS		.2	4.7		3.5	.1	8.1	25.7	26.2		.1	52.0	1947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

USE WITH CAUTION
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WEATHER CONDITIONS

47.77 YONGSAN AB KO 73-87 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	2.4		4.3		7.1	13.8	29.7			40.5	2267
FEB			4.0		4.4	.1	8.7	11.9	31.7		.2	43.7	2727
MAR		.1	6.5		1.3		7.4	15.5	27.2		.4	43.1	2712
APR			6.9				8.9	10.1	21.6		.5	32.2	2221
MAY		.5	7.1			.1	7.1	10.7	26.0		.1	36.7	2236
JUN		.1	10.3				10.3	14.9	26.9			41.8	1931
JUL		.6	15.2				15.2	17.4	21.4		.2	38.9	1456
AUG		.5	12.9				12.9	12.9	17.7			31.6	2071
SEP		.1	6.9				6.9	16.2	15.8			31.9	1023
OCT		.1	6.3				6.3	18.3	25.1			43.3	1918
NOV		.2	4.6		1.1		5.6	17.7	24.9			42.6	1938
DEC		.2	4.7		3.5	.1	8.1	25.7	26.2		.1	52.0	1947
TOTALS		.2	7.5		1.3	.0	8.7	15.8	24.5		.1	40.4	24747

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

U.S. AIR FORCE
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 AIRCRAFT SERVICE ZONE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION YONGGAI AB MO STATION NAME 75-80 YEARS 1975-1980
 CLASS ALL WEATHER MONTH JAN
 CONDITION 600-1800
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4									1.1	4.8
NNE	.7	1.2	.6									2.5	4.6
NE	.9	1.1										2.1	3.8
ENE	1.2	2.1	.5									4.5	3.7
E	6.1	2.2										1.3	2.9
ESE	4.3	1.5										3.8	2.7
SE	1.9	1.2										3.2	2.9
SSE	.7	1.1										1.9	3.3
S		.4										.2	3.0
SSW		.2										.2	3.0
SW		.2										.2	4.0
WSW	.4	.2	.2									.7	4.2
W	5.1	4.2	1.1									11.4	4.6
WNW	1.7	6.2	2.2									10.4	5.1
NW	.6	1.9	.7	.2								3.4	5.7
NNW	.2	.7	.4		.2							1.5	7.0
VARBL		.2										.2	6.0
CALM												43.5	
	25.2	25.2	5.8	.2	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 536

U.S. NAVAL CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGBAN AB AC STATION NAME 73-50 YEARS 1950-1959 MONTH 1950-1959
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5									1.0	3.3
NNE	.1	1.6	.6									2.4	4.1
NE	2.4	1.0	.3									3.7	3.4
ENE	1.8	2.1	.6									4.5	4.0
E	5.4	2.3	.2									11.9	3.2
ESE	7.2	2.7										1.0	3.3
SE	2.1	1.3										3.9	3.1
SSE	1.7	1.5										2.6	3.4
S	.7	.6										.9	3.4
SSW	.5											.5	2.3
SW	.7	.3										.7	2.3
WSW	.7	1.0										1.4	4.6
W	2.2	6.5	3.0	.3								13.2	5.1
WNW	1.6	3.7	5.1	.2								10.6	6.7
NW	.7	2.2	2.7	.3								3.6	6.9
NNW	.2	1.5	.5									1.5	3.0
VARBL		.2	.3	.2								1.1	3.3
CALM												24.2	
	12.1	21.5	14.3	1.0								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 623

U.S. NAVAL CLIMATOLOGY BRANCH
 COMNAVSTA
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION YONGJIAN AB KZ STATION NAME 7-1-60 YEARS 10
 MONTH 1-1480
 CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7										.8	4.6
NNE	.7	1.1	.7									1.5	3.9
NE	1.1	1.6										1.8	3.3
ENE	1.1	1.7	.9	.7								2.7	4.1
E	1.7	2.4	.7									2.4	3.6
ESE	2.4	.7										2.3	2.6
SE	.9	.2										1.0	2.5
SSE	1.4	1.2										2.6	3.1
S	1.7	.5	.2									2.4	3.1
SSW	.7	1.2	.2									1.7	4.3
SW	.5	.7	.5									1.7	4.5
WSW	.7	2.6	2.9									1.5	6.8
W	1.1	13.1	10.0	.9								27.5	8.4
WNW	1.0	4.1	6.2	1.2								12.5	7.3
NW	.3	.7	2.4	.9								4.5	5.5
NNW	.3	.2	1.4									1.9	7.6
VARBL		.5	2.6	.3								2.1	3.7
CALM												11.7	
	22.0	33.0	27.9	3.5								100.6	4.9

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

40-71 STATION YONGSAN AB KW STATION NAME 7-84 YEARS MONTH JAN
CLASS ALL WEATHER CLASS 1800-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4										.4	3.4
NNE	.2	.6										1.3	3.7
NE	1.7	1.2	.7									3.2	3.8
ENE	.9	.4										1.3	2.9
E	2.5	.4										2.9	2.6
ESE	.6	.7										.9	2.6
SE	.2											.2	3.0
SSE													
S	.3	.4										1.1	3.3
SSW	.2	.6	.6									1.7	3.4
SW	.6	1.7	1.1									3.4	3.3
WSW	.7	4.2	2.3	.4	.7							7.2	3.0
W	4.2	11.9	15.5	.6								28.1	3.5
WNW	2.3	7.5	7.5	1.3								17.7	3.6
NW	.6	1.7	2.1	1.5								5.9	3.5
NNW	.7	1.1	.5									3.1	3.3
VARBL		.4	1.3	.7								1.7	3.7
CALM												1.2	
	13.1	33.2	31.3	4.0	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 270

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGJIAN AB KC STATION NAME 77-25 YEARS 03
MONTH ALL
CLASS ALL
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.7									.2	0.2
NNE	.8	1.1	.2									1.2	4.1
NE	1.2	1.2	.1									2.5	3.4
ENE	2.1	1.6	.4	.1								4.1	3.9
E	4.7	2.7	.1									7.5	3.1
ESE	3.6	1.1										5.2	2.7
SE	1.3	.2										1.5	3.1
SSE	.2	1.1										1.3	3.3
S	.7	.4	.1									1.1	3.3
SSW	.2	.6	.2									1.0	4.7
SW	.4	.7	.4									1.4	4.9
WSW	.9	1.3	1.3	.1	.1							4.2	6.1
W	3.2	9.1	7.3	.4								22.0	5.9
WNW	1.6	5.3	5.3	.7								13.9	5.5
NW	.4	1.7	2.1	.7								4.9	7.4
NNW	.2	.7	.8		.1							1.8	6.7
VARBL		.1	1.2	.2								1.5	6.6
CALM												23.5	
	23.5	30.2	19.7	2.1	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4127 STATION 1000000 AR KC STATION NAME 17-00 YEARS MONTH 000-0000 HOURS (L.M.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	2.3
NNE	1.7	1.7	.2									3.6	3.6
NE	1.1	1.7	.4									4.1	3.8
ENE	1.7	3.3	.4									5.4	4.3
E	7.4	3.3	.4									11.2	3.1
ESE	4.5	1.7										6.2	2.7
SE	1.7	.6										1.7	2.9
SSE	.6	.3										1.7	2.6
S													
SSW		.7										.2	4.7
SW													
WSW		.6	.2									.3	3.5
W	3.3	3.5	1.2									7.1	4.1
WNW	1.1	3.0	2.1	.2								7.2	5.5
NW	1.4	2.0	1.7									5.4	4.7
NNW	.6	1.2	.3									2.7	5.3
VARBL			.6									.6	5.7
CALM												41.7	
	25.2	24.4	7.4	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

42279 STATION YONGJIAN AB KC STATION NAME 77-80 YEARS
STATION CLASS ALL WEATHER
CONDITION

MONTH 7-11
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.5									.9	8.9
NNE	1.4	.9	.5									2.7	4.4
NE	1.4	2.9	.5									4.8	4.5
ENE	2.5	3.2	.7	.7								6.6	4.5
E	3.8	5.6	.7									15.1	3.4
ESE	3.6	1.4										5.0	2.5
SE	2.3	.2										2.5	2.0
SSE	1.3	.5										1.8	2.7
S	.5	.2										.7	2.5
SSW	.2	.2										.4	3.0
SW	.5	.4		.2								1.1	4.5
WSW	.4	1.1	.5									2.0	3.5
W	2.7	7.3	3.9	.2								14.2	5.5
WNW	1.1	6.6	3.0									10.7	5.7
NW	.2	2.5	2.2	.4								3.2	7.1
NNW	.4	.5	1.1	.2								2.5	6.4
VARBL		.2	.7	.4								1.3	7.4
CALM												22.4	
	26.9	34.8	14.5	1.4								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGSAN AB MD STATION NAME 72-90 YEARS 1200-1400
CLASS ALL WEATHER MONTH 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2									.6	3.7
NNE	.2	1.2	.4									3.3	4.5
NE	.6	1.7	1.2									4.5	4.4
ENE	2.5	2.1	1.6	.2								7.4	4.5
E	1.1	2.5										5.6	3.4
ESE	1.4	1.4										5.7	3.5
SE	1.2	.2	.2									1.2	2.5
SSE	.8	.2										1.0	2.2
S	1.2	.2	.2									3.7	4.4
SSW	.2	1.0	.4									1.6	5.5
SW	.2		1.4	.4								2.0	7.2
WSW	1.2	3.5	3.9	.8	.2							9.5	7.1
W	1.1	1.1	1.6	.6								34.6	6.7
WNW	1.2	3.3	3.3	.4								14.1	7.3
NW	.4	.6	3.5	.6								5.0	8.5
NNW	.2	.2	.6									1.0	6.8
VARBL		.2	2.9	.4								3.5	7.2
CALM												9.7	
	12.4	29.5	37.8	3.5	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

43-75 STATION TONGUAN AP MO 77-8-1 YEARS 1977-1981
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.7									.4	5.5
NNE	.2	.2										.3	2.7
NE	.4	1.3	.4									.3	4.7
ENE	1.5	1.7	.4									2.2	4.3
E	2.5	1.7	.4									4.9	3.6
ESE	.6	.4										1.1	3.2
SE	.7	.7										.4	3.5
SSE	.4											.4	2.5
S	.2	.4										.3	3.7
SSW	.7		1.1									1.3	3.0
SW		.3	1.5									2.1	7.1
WSW	.8	4.1	5.1	.4								15.9	7.2
W	2.2	7.6	15.4	.4								25.2	6.9
WNW	1.7	9.6	3.4	1.7								22.0	7.0
NW	.4	2.2	5.1	.4								5.5	7.8
NNW		.4	.6									1.1	7.4
VARBL			2.8									2.8	9.3
CALM												3.1	
	12.4	33.0	43.5	3.0								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 469

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGSAN AB KO STATION NAME 77-80 YEARS 77-80 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.2									.7	0.1
NNE	1.7	.7	.3									.2	4.1
NE	1.4	2.0	.6									4.0	4.3
ENE	3.2	2.7	.9	.1								5.7	4.4
E	5.6	3.4	.4									3.4	3.3
ESE	2.6	1.2										3.6	2.9
SE	1.2	.2										1.5	2.5
SSE	.3	.7										1.1	2.5
S	.3	.2	.3									1.0	3.5
SSW	.1	.1	.3									.8	6.0
SW	.7	.2	.7	.1								1.4	0.6
WSW	.6	2.3	2.4	.4								5.7	0.9
W	2.7	7.5	9.1	.3								14.9	0.2
WNW	1.2	5.5	5.9	.4								13.4	6.6
NW	.6	2.1	2.9	.7								6.0	7.1
NNW	.3	.2	.2	.7								2.0	6.2
VARBL		.1	1.7	.2								20.5	4.1
CALM													
	21.5	30.5	25.5	2.0	.5							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 27

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGJIAN AP KC STATION NAME 73-90 YEARS 4 MONTH 6
CLASS ALL WEATHER HOURS (L.S.T.) 600-1800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.7	.5	.0									1.2	4.7
NE	.2	1.1	.0									1.3	4.5
ENE	.2	2.6	.2									4.0	3.7
E	7.3	2.9	.4									10.6	2.9
ESE	4.0	3.0										7.0	3.2
SE	1.0	.0										1.0	2.6
SSE	.0	.2										.2	2.0
S	.7	.2	.0									1.3	4.3
SSW	.4											.4	3.0
SW													
WSW	.4	.5										.9	4.2
W	4.2	4.0	.0	.2								8.3	4.2
WNW	2.6	3.0	2.7									8.3	3.4
NW	.2	.9	.0									2.0	3.1
NNW	.2	.2	.5									1.3	3.5
VARBL			.0									.5	3.3
CALM												45.6	
	25.3	21.1	7.3	.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 46

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4-77 STATION YONGWAN AB KC STATION NAME 73-80 YEARS 1970-1977 MONTH 1970-1977
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.2										.5	4.1
NNE	.6	.5	.3									1.7	4.3
NE	1.7	1.3	.5									3.5	3.9
ENE	2.5	3.5	1.1									7.1	4.2
E	5.5	5.2	.8									11.5	3.5
ESE	4.1	3.2	.2									7.5	3.3
SE	1.9	1.7	.3									3.5	3.9
SSE	1.1	1.7										2.8	3.3
S	1.5	.2										3.4	2.9
SSW	.3		.2	.2								.5	7.0
SW	.5	.6	.5	.2								1.9	5.2
WSW	.2	2.7	2.8									6.4	6.2
W	3.5	3.2	3.9	.6	.2							11.9	5.9
WNW	.6	3.7	3.0	.5								7.5	7.0
NW		1.1	2.0	.6								3.9	8.4
NNW	.2	.2	1.1	.2								2.2	7.4
VARBL		.2	.6	.3	.2							1.3	10.9
CALM												23.7	
	25.3	34.6	17.3	2.8	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGBAN AB KC STATION NAME 73-RL YEARS 17-14
CLASS ALL WEATHER MONTH 17-14
CONDITION 17-14 HOURS (L.S.T.) 17-14

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2										.5	5.0
NNE	.5	.7	.3									1.4	5.0
NE	1.1	1.4	.3									2.7	4.1
ENE	1.9	1.5	.7									4.1	4.3
E	1.7	2.6	.3									4.6	4.5
ESE	1.5	1.7	.5									3.7	4.3
SE	.9	1.2	.2									2.3	3.9
SSE	1.2	.7										1.9	2.7
S	.2	1.2	.2									1.5	4.7
SSW	.5	.4	.7									2.1	5.7
SW	.2	1.5	1.2	.2								3.9	6.7
WSW	1.5	5.1	5.1	.2	.2							12.0	9.7
W	1.1	6.5	15.6	1.9	.2	.2						21.4	7.4
WNW	1.4	4.6	7.2	.5								13.7	7.5
NW	.7	2.1	3.6	.7								7.0	7.6
NNW	.3	1.2	.7									2.1	5.3
VARBL	.2	.2	2.9	.2	.2							3.6	7.6
CALM												11.8	
	16.1	32.9	35.0	7.4	.7	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 585

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGSAN AB XO STATION NAME YI-RO YEARS 11-20 MONTH 15-17
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.4									1.1	5.7
NNE	.4	.2										.6	2.7
NE	.4	.4	.6									1.1	6.8
ENE	1.1	.2	.4									.3	4.3
E	1.3	1.3	.4									3.0	3.9
ESE	1.5	.4	.4									3.3	3.7
SE	.4	.2	.2									.6	5.5
SSE	.2											.2	2.5
S	1.7		.2									1.9	2.6
SSW	.3	.2	.4	.2								1.5	5.3
SW	.6	1.5	2.3	.4								4.7	7.4
WSW	.3	1.7	0.9	.4								5.8	7.9
W	2.4	12.6	19.3	2.8	.2	.4						37.7	7.6
WNW	1.3	3.4	10.1	.4	.2							12.4	7.6
NW		2.3	.2	.4								3.6	6.9
NNW		.2	1.3									2.3	7.5
VARBL		.2	3.6	.4								4.1	7.3
CALM												7.9	
	12.9	26.3	47.3	4.9	.4	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 533

JOINT CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGBAN AB KC STATION NAME 73-AC YEARS 1961 MONTH ALL
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.1									.5	4.6
NNE	.2	.5	.2									1.5	3.6
NE	.2	1.1	.5									2.5	4.4
ENE	1.1	2.1	.7									4.7	4.1
E	4.7	3.1	.5									7.6	3.4
ESE	2.8	2.3	.7									5.3	3.5
SE	1.2	.5	.5									2.1	3.5
SSE	.2	.7										1.5	3.7
S	1.2	.2	.7									1.8	3.5
SSW	.3	.2	.3	.1								1.1	3.5
SW	.4	.7	1.1	.7								2.5	4.7
WSW	.7	2.1	2.7	.1	.1							7.3	6.9
W	3.2	6.5	3.5	1.3	.1	.1						15.7	6.9
WNW	1.4	2.7	3.5	.4	.7							11.2	5.7
NW	.7	1.5	1.9	.5								4.2	7.5
NNW	.2	.3	.9	.7								2.2	6.9
VARBL		.2	1.9	.2	.1							2.3	5.6
CALM												72.2	
	25.2	27.7	26.4	2.8	.3	.1						106.6	4.6

TOTAL NUMBER OF OBSERVATIONS 2001

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATLANTA, GA 30334

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGWANG AB, KC STATION NAME 73-6 YEARS 1961 MONTH 1961
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1.7	1.7	.6									4.0	4.0
NE	1.7	.4	.4									1.5	4.0
ENE	3.4	3.4	1.1	.7								8.2	4.0
E	2.3	6.3	1.3									17.0	3.0
ESE	7.2	2.9										10.1	2.0
SE	1.7	1.1										2.9	3.1
SSE	.5	.5	.7									1.3	3.0
S	1.7	1.1	.4			.7						1.0	3.1
SSW	.7	.7	.7									.6	3.2
SW	.7	.7	.4									1.3	4.0
WSW	.7	1.7	1.7	.7								1.4	3.0
W	1.7	3.4	1.0									7.0	3.0
WNW	1.5	1.7	1.0									4.6	4.0
NW	.4	.2	.7									.3	4.0
NNW													
VARBL			.4									.4	3.0
CALM												72.4	
	32.3	24.8	9.0	.4		.7						116.0	2.7

TOTAL NUMBER OF OBSERVATIONS 925

JETRAL CLIMATOLOGY BRANCH
 1215 TAC
 AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

41274 STATION YONGABAL AP KC STATION NAME 73-41 YEARS MONTH 1-1-3-3-00 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	1.5
NNE	1.3	.5	.5	.5								2.8	4.5
NE	1.4	2.7	1.1									4.2	4.9
ENE	3.4	3.4	.9									4.5	4.1
E	7.5	7.7	1.0									14.5	4.1
ESE	3.6	2.4	.3									6.4	3.4
SE	2.1	1.2	.2									4.1	3.7
SSE	1.5	1.2	.2									2.9	3.5
S	2.3	1.1	1.0			.2						4.6	3.1
SSW	.3	1.3	.5	.2								3.3	3.1
SW	1.3	1.3	1.5	.5								4.6	3.1
WSW	1.7	2.1	1.3	.3	.2							5.4	7.2
W	1.4	5.2	4.4	.2	.2							12.1	5.6
WNW	.4	1.2	1.3	.7								5.2	7.1
NW	.7	.5	.3	.3								1.5	3.7
NNW		.2	.2									.3	1.5
VARBL		.2	2.5	.5								3.2	1.6
CALM												15.4	
	7.2	34.4	17.6	3.9	.3	.2						10.6	4.4

TOTAL NUMBER OF OBSERVATIONS 14

REGIONAL CLIMATOLOGY BRANCH
 CHARLTAC
 31 WEATHER ST WICKHAM

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION WICKHAM AR AC STATION NAME 71-2 YEARS 1954-55 MONTH 1-12
 CLASS ALL
 CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2									.2	3.0
NNE	.1	.1	.1									.3	3.1
NE	1.4	1.1	.5	.2								2.2	4.1
ENE	.9	2.7	.3									4.1	4.5
E	1.7	3.8	.7									6.2	5.3
ESE	1.9	1.3	.2									3.2	3.6
SE	.9	1.3										2.7	3.9
SSE	1.1	.7										2.1	3.2
S	1.1	2.1	1.2									3.3	4.7
SSW	.4	1.2	1.2									2.3	3.3
SW	.7	3.2	2.5	1.1								7.3	7.5
WSW	1.1	3.6	6.7	1.6	.4							12.0	7.7
W	1.1	6.7	9.6	3.6	.4							22.4	7.8
WNW	.3	2.1	2.5	.4								5.5	6.7
NW	.4	.7	.5	.4								2.0	6.4
NNW		.4	.7									1.1	7.8
VARBL			2.7	1.4	.5							5.7	11.3
CALM												1.7	
	10.2	31.6	30.7	2.5	1.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 553

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YAGGSAV AF KC STATION NAME 72-54 YEARS 15 MONTH 6-17
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.2									.4	3.7
NNE	.2	.6		.2								1.2	3.1
NE	1.3	1.2	.2	.2								2.7	4.5
ENE	.4	1.0	.2									1.6	4.5
E	1.9	1.3	1.1									4.3	4.5
ESE	.6	.6										1.2	3.1
SE	.4	.2	.6									1.1	4.4
SSE	.2	1.0	.2									1.2	3.1
S	.4	.6	.6									1.6	3.7
SSW	.6	1.7	1.1	.2								3.6	3.1
SW	.4	1.0	1.9	2.1	.2							5.6	3.1
WSW	.2	.4	1.9	2.7	.6							17.0	3.6
W	1.2	2.4	1.3	4.4	.2							32.6	3.6
WNW	.2	2.7	2.6	.8								11.8	7.3
NW	.2	.6	1.7									2.5	7.3
NNW			.2									.2	3.6
VARBL			2.5	1.2								4.2	11.0
CALM												5.4	
	10.4	27.3	43.4	11.9	1.5							110.0	7.1

TOTAL NUMBER OF OBSERVATIONS 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGJIAN AP KC STATION NAME 73-50 YEARS 19
CLASS ALL WEATHER MONTH ALL
CONDITION ALL HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	4.5
NNE	.2	.1	.2	.1								.4	4.7
NE	1.6	1.7	.6	.1								.3	4.6
ENE	2.1	3.2	.7	.2								.6	4.3
E	4.9	4.6	1.2									12.7	5.6
ESE	2.3	1.6	.1									5.3	3.2
SE	1.4	1.4	.2									3.0	3.7
SSE	.9	.9	.1									1.5	3.1
S	1.5	1.7	.2			.1						3.7	3.1
SSW	.4	1.1	.7	.1								2.3	6.1
SW	.4	1.4	1.6	.9	.7							4.7	7.2
WSW	.9	2.7	4.2	1.3	.3							9.5	7.9
W	1.7	6.1	6.1	2.2	.7							16.3	7.4
WNW	.9	2.3	2.7	.5								6.4	6.7
NW	.4	.9	.7	.2								1.8	6.6
NNW		.1	.3									.4	7.9
VARBL		.2	2.4	.8	.1							3.4	1.8
CALM												16.4	
	21.9	29.9	24.9	6.1	.6	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 221

USAFETAC CLIMATOLOGY FORM
 USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION LANGVAY AFB STATION NAME 71-21 YEARS 1950-1951 MONTH MAY
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 100-100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	36.6	19.1	5.1	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 100

JOURNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 4-7 YONGABAN AIR KG STATION NAME 77-81 YEARS 1961 MONTH 11
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0000-1159

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.9
NE	.0	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.4
ENE	2.4	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.2
E	4.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	3.6
ESE	3.5	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	7.0	3.5
SE	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.3
SSE	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	2.7
S	1.2	2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.0
SSW	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.9
SW	1.0	2.3	2.4	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.8
WSW	1.0	2.3	3.6	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.4
W	1.2	5.1	3.7	.3	.0	.0	.0	.0	.0	.0	.0	10.3	5.5
WNW	1.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0
VARBL	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.3
CALM												11.7	
	2.2	33.4	14.7	.6	.2							102.0	3.6

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASH. D.C.
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE.

STATION YANJIAN 44 KC STATION NAME 77-40 YEARS 42Y
 MONTH 12-14
 HOURS (L.S.T.) 1200-1400
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.8		.8									.7	6.5
NNE	.5	.2										.7	2.1
NE	1.2	1.2	.4									3.0	4.3
ENE	.5	1.2	1.2									3.0	5.5
E	1.4	2.0	1.1									3.1	5.6
ESE	1.1	1.8										2.8	3.7
SE	.7	1.3	.2									2.2	4.1
SSE	.7	.7										2.6	3.4
S	1.5	1.1	.9									3.5	4.6
SSW	.5	1.4	1.6	.2								3.7	6.6
SW	.2	2.2	4.2	.5								7.8	7.3
WSW	1.2	4.5	3.1	1.4	.2							15.9	7.6
W	2.5	1.3	1.1	1.1								24.7	6.5
WNW	.7	3.5	2.5									7.1	5.4
NW	.4	.7	1.2									2.3	6.6
NNW		.5	.4									.5	6.4
VARBL		.4	3.2	.5								4.1	3.6
CALM												9.5	
	14.3	30.3	36.0	3.7	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 567

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 72 YONGSAN AB KC STATION NAME 73-80 YEARS 1950-1960
CLASS ALL WEATHER MONTH 1950-1960
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.4											.4	2.5
NE	.2	.5	1.0									1.3	7.0
ENE	1.1	1.3										2.5	3.9
E	.6	2.5	.4	.2								3.6	3.3
ESE	.8	.2	.6									1.5	4.5
SE		.2										.2	6.0
SSE	.6	.4	.4									1.3	4.6
S	1.0		.4									1.3	4.9
SSW	.4	1.3	1.0									2.7	6.0
SW	1.1	1.3	3.3	.6	.2							7.1	7.5
WSW	.8	4.7	11.1	1.0								16.6	7.8
W	1.7	1.3	13.7	1.5	.2	.2						32.6	7.5
WNW	1.1	5.9	6.7	.4								14.1	6.7
NW	.4	1.7	2.1	.2								4.4	6.8
NNW	.2	.2	.4									.3	5.5
VARBL		.8	1.9	.6								3.2	6.6
CALM												0.1	
	10.3	30.3	48.3	4.4	.4	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 324

U.S. AIR FORCE
 CLIMATE BRANCH
 AFM 7-10.1

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION 4-10 LONGSAN AD MO STATION NAME 73-80 YEARS MAY MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.2									.5	3.5
NNE	.5	.3	.1									.9	3.9
NE	.9	1.1	.4									2.4	4.5
ENE	1.9	2.7	.7									4.6	4.3
E	4.5	3.3	.5	.								7.0	3.7
ESE	3.4	1.7	.3									5.4	3.1
SE	1.1	1.2	.1									2.4	3.5
SSE	1.3	.7	.1									2.1	3.1
S	1.2	.9	.6	.0								3.4	4.2
SSW	.5	1.7	.8	.0								2.4	5.7
SW	1.7	1.8	2.6	.3	.							5.2	5.7
WSW	1.2	3.2	6.0	.6	.1							11.0	7.3
W	2.5	7.4	2.3	.7	.0	.0						14.1	6.5
WNW	1.1	3.2	2.5	.1								6.9	6.0
NW	.4	.6	1.0	.0								2.1	5.3
NNW	.2	.2	.2									.6	5.7
VARBL	.2	.4	1.4	.4								2.3	6.0
CALM												14.1	
	22.7	30.1	25.7	2.2	.2	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1236

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4779 STATION YONGSAN AB KO STATION NAME 77-79 YEARS 00
MONTH 01-12
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-2359
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	2.1
NNE	.8	.5										1.3	3.6
NE	1.7	.9										2.5	3.0
ENE	2.4	3.6	.4									7.3	3.6
E	1.1	3.6	.6									15.3	2.8
ESE	6.1	1.3										7.3	2.4
SE	1.3	.4										1.7	2.5
SSE	.4	.4										.8	3.0
S	2.1	.3										2.9	2.6
SSW	.4	.6	.2	.2								1.5	5.3
SW	.8	.6	.3	.2								1.9	4.9
WSW	1.7	1.2	.4									3.1	3.9
W	3.4	1.7	.4									6.5	3.3
WNW	1.5	.4										1.9	2.6
NW	.5											.6	2.3
NNW													
VARBL			.5									.8	9.5
CALM												44.7	
	35.8	15.9	3.1	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGJIAN AB KC STATION NAME 17-79 YEARS 1950-1951
CLASS ALL WEATHER MONTH JUL
CONDITION 1950-1951
HOURS (L.S.T.) 1950-1951

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7										.4	3.5
NNE	1.1	1.1	.2									2.4	3.7
NE	1.7	1.1	.4									2.4	3.9
ENE	1.1	2.7	.2									5.0	4.0
E	5.0	7.4	.7									14.7	3.5
ESE	5.7	1.1	.6									6.7	3.2
SE	2.8	.9	.6									4.3	3.4
SSE	2.2	.7										3.5	2.8
S	1.9	1.1	.9									3.9	4.2
SSW	.9	1.7	.4	.4								3.3	5.4
SW	1.3	.7	.6									2.6	4.6
WSW	2.2	2.2	1.5									6.9	4.2
W	4.5	5.4	1.7									11.7	4.3
WNW	.9	1.9	.2									3.0	4.3
NW	.4	.4										.7	4.0
NNW	.2	.2	.4									.7	4.3
VARBL			.4	.2								.6	11.3
CALM												25.3	
	36.6	29.0	8.6	.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4-77 STATION YONGAB AR KO STATION NAME 77-79 YEARS 30 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4										.8	3.2
NNE	.2	1.2										1.4	4.6
NE	1.7	1.2										2.9	5.6
ENE	.2	1.2	.4									1.8	4.6
E	3.5	4.7	1.2									9.4	4.6
ESE	4.0	2.5	.4									7.7	5.6
SE	2.3	1.5	.4									4.2	5.6
SSE	1.7	1.2	.4									3.3	4.4
S	1.9	2.2	1.9									6.0	5.2
SSW	1.7	1.7	1.7									5.1	5.2
SW	1.7	2.7	2.9									7.3	5.5
WSW	1.5	2.3	4.0									8.8	5.2
W	6.4	5.5	4.5	.4								17.8	5.1
WNW	1.5	4.4	.6									6.5	4.5
NW	.5	.5	.8									2.5	5.0
NNW	.2	.4										1.2	5.0
VARBL		.2	1.7	.4								2.3	7.5
CALM												12.5	
	23.1	36.3	21.8	.8								70.2	4.3

TOTAL NUMBER OF OBSERVATIONS 451

U.S. AIR FORCE
U.S. AIR FORCE
U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONKONAN AB KO STATION NAME 73-79 YEARS 50
CLASS ALL WEATHER MONTH 15-7-17
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	.5									.7	4.0
NNE	.5	.7	.5									.7	6.7
NE	.5	.7	1.1									1.1	6.6
ENE	.9	1.1	1.1									1.2	5.4
E	2.1	2.1	.2									2.2	3.4
ESE	1.6	1.3	.2	.2								1.9	4.6
SE	.2	1.7		.2								3.0	4.9
SSE	1.4	.5	.5									1.3	4.1
S	1.4	2.3	1.1									4.8	4.5
SSW		1.6	2.1									3.7	7.1
SW	.2	3.7	2.3	.2								3.4	6.2
WSW	2.5	3.2	6.1	.2								12.0	6.2
W	1.1	14.7	3.3	.9								29.0	5.6
WNW	2.3	5.7	3.4	.2								11.3	5.6
NW	.2	.9	1.4	.2								2.6	6.8
NNW													
VARB		.2	.9									1.1	7.6
CALM												7.6	
	20.5	48.5	29.2	2.3								17.0	5.1

TOTAL NUMBER OF OBSERVATIONS 435

U.S. NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 4160 WEATHER SERVICE CLIMATE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION YONGWANG AB KC STATION NAME 77-77 YEARS ALL WEATHER MONTH ALL
 CLASS ALL HOURS (L.S.T.) ALL
 CONDITION ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	.7										.5	3.4
NNE	.5	.7	.2									.5	4.1
NE	1.1	.7	.4									.5	4.1
ENE	1.7	2.4	.5									.5	4.2
E	5.7	4.4	.7									11.8	3.4
ESE	4.2	1.3	.4	.1								.5	3.3
SE	1.0	1.1	.7	.1								.5	3.6
SSE	1.3	.7	.2									.5	3.6
S	1.3	1.3	1.7									.5	4.4
SSW	.2	1.4	1.7	.3								.5	5.7
SW	1.7	1.9	1.5	.1								.5	5.3
WSW	2.2	2.4	2.6	.1								.5	5.4
W	4.2	5.6	3.6	.3								15.4	5.5
WNW	1.5	2.9	1.7	.1								.5	4.9
NW	.5	.5	.5	.1								.5	5.2
NNW	.1	.3	.2									.5	5.1
VARBL		.1	.9	.2								.5	9.3
CALM												72.2	
	5.7	30.3	15.2	1.0								15.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1231

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGSAN AFB KO STATION NAME 72-79 YEARS JUL
MONTH 6-12-1971
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.1
NNE	.2		.2									.2	3.1
NE	1.4	1.4	.4									3.3	3.1
ENE	3.2	1.9	.2									3.5	3.3
E	11.5	3.2	.2									15.6	2.9
ESE	2.7	1.2	.2									4.7	2.6
SE	1.4											1.4	1.9
SSE	1.2	.2	.2									1.3	3.3
S	1.6	1.6	.2									4.1	4.7
SSW	.4	.2	1.2									2.3	6.1
SW	.4	1.2	1.4									2.3	6.4
WSW	1.2	1.4	.6	.2								3.5	4.9
W	2.1	.2		.2								2.1	3.2
WNW	1.2	.4										1.4	3.1
NW		.2										.2	4.1
NNW													
VARBL													
CALM												44.7	
	33.3	15.2	6.4	.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 486

U.S. AIR FORCE
CLIMATE DIVISION
AFM 7-10.1
AFM 7-10.1.1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YAGGAN AB KO STATION NAME YAGGAN AB KO YEAR 78-79 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	1.0
NNE	1.2	.7	.2									2.2	3.1
NE	.4	1.1	.7									3.2	3.9
ENE	3.7	4.6	1.1									9.4	4.2
E	9.1	5.5	1.1									15.7	3.6
ESE	5.7	3.1										8.8	3.7
SE	5.2	1.1										6.3	2.5
SSE	2.4	.4										2.8	2.2
S	2.9	3.5	1.1									7.4	4.5
SSW	.7	1.5	2.0									4.3	5.5
SW	.7	1.7	1.3									3.7	5.0
WSW	1.5	1.1	.9	.4								3.9	5.4
W	1.9	3.3	.2									5.4	3.5
WNW	.7	1.5	.2									2.4	3.5
NW	.2	.5										.7	4.5
NNW		.7										.2	4.5
VARBL			.4									.4	5.5
CALM												25.0	
	34.6	32.7	9.3	.4								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 540

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 4-77 LONGJIAN AB MO STATION NAME 77-79 YEARS JUL
CLASS ALL WEATHER MONTH 12-1-1966
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.6	2.3
NNE	.4	1.2	.6									1.7	4.5
NE	1.2	1.2	1.2									3.2	5.7
ENE	1.1	2.7	.8									5.9	4.5
E	2.1	3.3	.8									7.2	3.9
ESE	2.7	2.3	.4									5.4	2.5
SE	3.5	1.9	.2									5.6	3.3
SSE	1.9	2.3	.6									4.8	4.3
S	3.7	3.5	2.5	.2								7.9	4.6
SSW	.9	1.2	1.9	.4								4.1	6.7
SW	1.7	2.7	1.4	.2								6.2	5.2
WSW	1.7	5.4	3.1	.2								11.4	5.2
W	3.1	6.5	2.7									12.6	5.5
WNW	1.2	1.9	.2									3.1	4.3
NW	.2	.4										.6	4.7
NNW		.4	.2									.6	5.7
VARBL		.4	1.2	.2								1.7	6.3
CALM												14.3	
	29.0	37.9	17.6	1.2								105.0	4.5

TOTAL NUMBER OF OBSERVATIONS 493

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

43-71 STATION YAGJ-AN AB KC STATION NAME 73-79 YEARS JUL
MONTH 1977-1978
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	2.7
NNE	.9	.2	.2									.7	3.1
NE	.7	.1	.7									1.8	3.1
ENE	3.3	1.4										3.5	3.4
E	1.6	2.3	.7									4.5	4.5
ESE	1.7	2.5	1.6									6.8	4.7
SE	.2	1.1	.7									2.7	4.6
SSE	.7	1.2	.7									3.4	5.2
S	.6	1.4	.2									3.6	3.4
SSW	.7	.7	1.4	.2								2.8	3.4
SW	1.9	3.2	3.3	.9								9.7	3.4
WSW	1.9	6.2	6.3	.5								15.3	3.5
W	2.4	9.9	4.5									17.8	5.3
WNW	2.5	5.9	1.4									9.7	4.7
NW		.3	.2									1.1	5.6
NNW	.5	.5	.2									1.1	4.2
VARBL			.7									.7	3.7
CALM												12.6	
	22.7	39.2	23.9	1.6								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

41274 STATION YONGSAN AB KO STATION NAME 77-79 YEARS JUL
MONTH ALL
CLASS ALL
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0											.4	2.0
NNE	.2	.7	.5									1.1	4.4
NE	1.2	1.1	.7									2.1	4.2
ENE	3.5	2.9	.7									7.1	3.9
E	3.5	3.0	.0									11.3	3.5
ESE	3.6	2.2	.5									5.3	3.5
SE	2.7	1.0	.2									3.2	3.3
SSE	1.0	1.2	.4									2.2	3.6
S	2.5	2.6	1.1	.1								6.3	4.5
SSW	.7	1.0	1.6	.2								3.4	6.3
SW	1.2	2.2	1.9	.2								5.6	6.6
WSW	1.4	3.4	2.6	.2								8.2	5.5
W	2.6	5.1	1.7	.1								9.4	4.9
WNW	1.2	2.1	.4									4.0	4.2
NW	.1	.7	.1									.7	3.1
NNW	.1	.3	.1									.5	4.7
VARBL		.1	.5	.1								.7	1.2
CALM												24.4	
	30.2	30.5	13.9	.9								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4-77 STATION YONGUSAN AB KO STATION NAME 77-79 YEARS 1960-1970 MONTH 1960-1970
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2										.4	3.5
NNE	2.4	1.7	.6									4.7	3.8
NE	7.4	2.7	.7	.2								5.8	3.5
ENE	5.4	3.3	.6	.2								10.0	3.7
E	12.8	5.0	.2									18.0	2.9
ESE	7.3	.8										4.6	2.3
SE	6.3	.7										3.2	2.3
SSE	.7	.6	.2									1.5	5.0
S	.6	.3	1.2									2.6	5.9
SSW	1.2	.5	2.7									3.3	6.4
SW	.4	.2	.8	.2								1.6	7.3
WSW	.5	1.5	1.4									3.6	6.0
W	2.7	1.6	.6	.2								4.4	4.3
WNW	.3	.4	.4									1.6	4.8
NW		.2										.2	5.0
NNW													
VARBL			.2									.2	7.0
CALM												36.0	
	35.6	12.2	8.4	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

47-74 STATION YONGSAH A3 K2 77-79 YEARS MONTH 1977-1178 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.2									.7	4.4
NNE	.3	2.5	.4									.1	3.2
NE	1.7	2.1	.7									4.3	4.4
ENE	5.7	5.7	1.6	.2								13.1	4.1
E	1.7	5.3	.9	.2								15.0	3.7
ESE	1.5	3.2	.2									6.9	3.6
SE	2.8	1.1										3.9	2.5
SSE	2.5	.9	.2									3.5	2.7
S	1.4	.7	1.1									3.2	4.5
SSW	.2	2.1	2.1	.5								5.0	7.4
SW	.9	1.2	1.4		.2							4.2	6.5
WSW	1.1	4.1	1.2	.2								6.3	5.3
W	2.1	3.1	1.1									6.2	4.7
WNW	.4	1.1	.4									1.9	4.9
NW		.2										.2	5.0
NNW	.2											.6	3.0
VARBL													
CALM												19.6	
	34.0	33.4	11.3	1.1	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YUNGSAH AB KC STATION NAME 73-79 YEARS 800
CLASS ALL WEATHER MONTH 1200-1400
CONDITION 1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2									1.3	3.7
NNE	.2	.5	.9	.2								2.8	5.7
NE	2.5	2.7	1.1									5.0	4.5
ENE	1.1	2.5	1.7									6.2	5.0
E	4.3	5.2	1.5	.2								11.9	4.5
ESE	1.1	3.4	.4									5.8	3.7
SE	2.3	1.3	.2									2.3	3.2
SSE	1.1	.9	.2									2.3	3.6
S	1.3	1.7	.8									3.8	4.8
SSW	.6	1.7	2.3	.4	.2							5.1	7.2
SW	.6	.4	3.4	.6	.7							9.1	7.3
WSW	1.5	5.1	3.1	.2								9.8	5.9
W	3.2	7.1	3.7									13.2	4.9
WNW	1.1	1.9	.9									3.6	4.9
NW		.3										.5	4.8
NNW	.4	.2	.2									.8	3.6
VARBL			.8									.8	7.8
CALM												12.8	
	25.5	39.4	25.4	1.5	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

47.73 STATION YONGSAN AB KW STATION NAME 73-79 YEARS MONTH 10-17-1960 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.0										1.3	4.3
NNE	1.7	1.1	.9	.2								3.4	4.0
NE	1.1	2.7	.8									4.6	4.7
ENE	1.1	2.5	1.1									4.6	5.1
E	2.7	3.1	1.7									7.4	4.4
ESE	1.7	2.1	1.1									4.9	4.6
SE	1.5	2.3	.2									4.0	3.6
SSE	1.1	.2										1.9	3.4
S	1.5	1.5	.6									3.6	3.9
SSW		1.9	1.1	.6	.2							3.8	8.3
SW	.6	2.7	3.4	.8	.2							7.8	7.5
WSW	1.5	5.9	4.2	.8								12.4	6.4
W	4.6	15.1	5.3									25.0	5.4
WNW	1.3	4.6	1.3									7.2	5.1
NW	.8	1.7	.4									3.0	4.5
NNW	.4	.4										.3	3.5
VARBL			1.1									1.1	8.6
CALM												8.2	
	21.5	44.3	23.0	2.5	.4							106.0	5.0

TOTAL NUMBER OF OBSERVATIONS 474

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION YONGSAH AB MO STATION NAME 77-79 YEARS ALL
 MONTH ALL
 CLASS ALL
 HOURS (L.S.T.) ALL
 CONDITION ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.1									.9	4.1
NNE	1.7	1.4	.7	.1								3.9	4.4
NE	2.3	2.3	.7	.5								5.8	4.2
ENE	3.6	3.7	1.3	.1								5.7	4.3
E	7.2	4.4	1.1	.1								13.2	3.7
ESE	2.0	2.4	.4									5.8	3.6
SE	2.2	1.2	.1									3.5	3.1
SSE	1.3	.4	.1									2.2	3.4
S	1.2	1.2	.9									3.3	4.6
SSW	.4	1.6	1.9	.4	.1							4.4	7.3
SW	.6	2.0	2.2	.4	.1							5.4	7.2
WSW	1.2	4.2	2.4	.3								5.9	6.0
W	3.9	5.3	2.4	.0								12.7	5.8
WNW	.2	1.9	.7									3.5	4.6
NW	.2	.7	.1									1.0	4.6
NNW	.2	.1										.4	3.6
VARBL			.5									.5	5.1
CALM												19.2	
	9.3	34.1	15.6	1.4	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2069

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

47-77 STATION YONG-AN AB KC 73-79 YEARS SEP MONTH 1973-1979 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.4									.6	5.7
NNE	1.5	1.4	.2									.7	3.6
NE	1.1	1.2	.4	.2								.6	3.7
ENE	5.0	4.5										10.2	3.4
E	10.1	5.4										10.5	2.9
ESE	5.3	1.3										7.3	2.4
SE	2.4	.6										3.0	2.6
SSE	1.1	.6										1.7	2.9
S	1.7	.2	.2									2.4	4.5
SSW			.9									.9	6.6
SW			.4									.4	10.0
WSW		.1	.2	.2								.6	6.7
W	1.7	.6	.2									2.6	3.3
WNW	1.1	1.1										2.2	3.5
NW	.4	.2	.2									.9	4.8
NNW													
VARB													
CALM												40.3	
	34.5	19.5	1.9	.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 73-79 YONGJIAN AB KC STATION NAME 73-79 YEARS 1960-1968 MONTH 1960-1968
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	2.5
NNE	1.3	2.1	.9									4.3	4.8
NE	2.3	2.1	1.1									5.5	4.2
ENE	6.4	4.1	1.1									11.6	3.6
E	10.9	12.6	1.3									22.7	3.7
ESE	4.5	4.1										8.6	3.2
SE	6.3	1.3	.2									7.8	3.1
SSE	.8	1.7										2.4	3.6
S	1.1	.6	.2	.2								2.1	3.7
SSW	.4	1.1	.4									1.9	3.4
SW	.6	.9	.4									1.9	3.7
WSW	.9	1.7	.4									3.0	4.5
W	.9	4.5	.2	.4								5.6	3.3
WNW	1.3	1.3	.2									2.8	3.7
NW	.2	.9	.4									1.5	5.6
NNW			.2									.2	10.0
VARBL		.2	.6									.8	7.0
CALM												19.3	
	34.7	37.1	8.3	.6								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 533

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4171 YONGSAN AB KC 77-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MONTH
1770-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.4										1.6	3.1
NNE	1.5	1.5	.5									4.1	4.5
NE	1.1	1.5	1.6									4.3	3.4
ENE	3.1	3.3	1.2									7.5	4.3
E	2.5	2.7	2.7									11.2	4.0
ESE	2.4	1.2										4.3	3.0
SE	1.2	1.5										2.6	3.8
SSE	1.2	1.3										2.7	2.5
S	1.2	3.1	.4	.2								4.9	4.5
SSW	.4	1.3	.3		.1							1.3	6.5
SW	.5	1.2	1.1									2.7	3.3
WSW	1.4	5.1	2.2	.4								6.2	5.7
W	1.1	5.3	4.1									12.0	3.5
WNW	1.2	2.5	2.2									3.1	2.6
NW		1.1	.3									1.5	3.1
NNW	.4	.5	.4									1.4	1.4
VARBL		.1	1.5	.2								1.6	2.4
CALM												13.1	
	26.3	38.3	13.3	.8	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 491

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 1000000 AF K2 STATION NAME 72-79 YEARS 1970-1971 MONTH 12
CLASS ALL WEATHER
CONDITION 1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.0	.0									1.5	4.7
NNE	.5	2.0	1.6									.5	3.4
NE	1.1	1.6	1.4									4.1	3.1
ENE	1.1	.5	1.1									.2	3.1
E	3.6	2.3	.5									6.3	3.3
ESE	1.4	.7										3.0	3.2
SE	2.9	1.1										4.1	3.1
SSE	1.7											.5	2.2
S	1.6	1.4	.2									3.2	3.4
SSW	.2	.2	1.1									2.5	3.2
SW	1.4	2.7	1.6									5.6	3.4
WSW	.9	4.3	4.5									9.7	3.7
W	5.1	12.2	4.5									22.3	3.5
WNW	.9	4.7	2.7	.2								9.9	3.6
NW	.5	1.4	1.4									3.2	3.5
NNW	.2	.7	.5	.2								1.6	3.5
VARBL		.7	1.6									2.3	3.0
CALM												13.1	
	24.5	39.0	23.5	.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 444

JOINT CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION YONKONAN AB KO STATION NAME YONKONAN AB YEARS 77-79 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.2									.1	4.1
NNE	.2	2.1	.7									.3	4.6
NE	.7	1.4	1.1	.1								.5	4.5
ENE	.2	3.3	.9									.3	5.9
E	7.7	5.6	1.7									14.3	5.5
ESE	3.5	2.1										5.7	2.9
SE	.1	1.2	.1									1.4	3.1
SSE	1.4	1.1										2.5	2.2
S	1.3	1.2	.4	.1								3.1	4.1
SSW	.4	.7	.8		.1							.1	5.1
SW	.7	1.7	.9									2.9	5.5
WSW	.4	2.5	1.2	.2								4.5	6.0
W	.5	5.2	2.3	.1								10.9	5.1
WNW	1.1	2.4	1.2	.1								4.0	5.2
NW	.2	.5	.7									1.6	5.7
NNW	.2	.7	.3	.1								.0	3.9
VARBL		.2	1.7	.1								1.3	0.0
CALM												2.3	
	30.2	33.5	12.4	.6	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1,132

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGSAN AB KC STATION NAME 73-79 YEARS 1971
MONTH 10
CLASS ALL WEATHER
HOURS (L.S.T.) 1000-1600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4											.4	1.0
NNE	1.7	.6										1.4	3.7
NE	3.3	1.7										3.6	2.9
ENE	4.0	2.9	.2									7.2	3.2
E	1.5	4.7										14.5	2.7
ESE	7.6	2.1										9.7	2.5
SE	3.2	.6										3.8	2.6
SSE	1.7	1.5										3.2	3.1
S													
SSW		.4										.4	4.5
SW													
WSW	.4	.7										.5	2.7
W	1.9	1.7	.6									4.2	4.4
WNW	1.1	1.1	.4									2.6	4.3
NW	.6	.6	.2									1.5	4.6
NNW	.2	.2	.6									1.1	6.4
VARBL		.5	.6									.8	5.5
CALM												44.6	
	32.2	17.6	2.7									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 475

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4777 STATION 4777 STATION NAME 77-79 YEARS MONTH 1-12
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										.4	4.7
NNE	.7	1.3	.4									4.5	3.5
NE	.7	2.6										4.6	3.3
ENE	4.3	3.0	1.1									4.9	4.0
E	11.7	7.6	.4									19.7	3.3
ESE	.7	5.6										15.3	2.3
SE	3.9	1.9										1.4	2.9
SSE	1.9	.7										2.6	2.6
S	.7	.2										1.1	2.6
SSW	.4	.6	.2									1.1	4.7
SW		.4	.2									.6	6.3
WSW	.7	1.9	1.1									2.4	6.6
W	.4	2.7	.7	.2								3.3	3.4
WNW	.7	1.1	1.7	.2								3.7	6.4
NW	.4	.2	.4									.9	6.4
NNW	.4	1.1	.4									1.9	6.1
VARBL		.4	1.1	.4								1.9	6.1
CALM												70.1	
	36.9	32.6	7.6	.7								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 937

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 4-77 LONGSAN AG KC STATION NAME 73-79 YEARS 1961
CLASS ALL WEATHER MONTH 12-6-1470
CONDITION 12-6-1470
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3										1.4	3.5
NNE	1.4	1.3	.6									3.9	4.5
NE	2.4	1.4	.2									4.1	3.5
ENE	2.2	3.3	.5									5.1	4.4
E	2.4	4.3	.4									7.5	4.2
ESE	3.7	3.7	.2									6.9	3.4
SE	3.6	1.6	.2									3.9	3.3
SSE	1.3	2.3										4.7	3.6
S	3.6	2.2	1.7									6.5	4.0
SSW	1.1	1.2	.6	.2								3.3	4.7
SW	.6	1.6	.8									2.5	5.3
WSW	1.2	4.1	2.4									7.7	5.5
W	1.6	4.7	3.3									5.3	5.5
WNW	.6	3.7	2.3	.3								6.9	6.7
NW	.2	.6	1.2	.2								2.8	7.9
NNW	.2	.4	.3	.2								1.6	7.6
VARBL		.2	2.6	.2								2.4	5.7
CALM												17.7	
	23.9	37.2	17.7	1.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 492

GLOBAL CLIMATOLOGY RESEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YAGBAN AI KC STATION NAME 73-79 YEARS 1961
MONTH 1500-1700
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.2	.2									1.4	2.3
NNE	.5	.7	.2									1.4	4.0
NE	.5	1.2	.2									1.7	3.0
ENE	1.4	2.2	.5									4.1	4.2
E	3.9	2.2	.5									6.5	3.3
ESE	.5	1.2										1.7	3.7
SE	.7	1.4										2.2	3.9
SSE	.5	.2	.2									1.2	4.3
S	1.7	.2										1.2	2.4
SSW	.2	1.2	.2									1.7	4.9
SW	1.7	1.7	1.4	.5								4.6	6.1
WSW	1.7	5.2	1.4									6.9	4.9
W	6.5	10.9	6.8	.5								24.6	5.2
WNW	2.4	5.6	3.9	.5								12.3	5.7
NW	.7	1.9	1.4	.5								4.1	5.8
NNW	.5	1.2	.5									2.2	4.9
VARBL		.5	.7									1.2	7.6
CALM												19.3	
	22.5	38.4	18.4	1.4								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

41-79 STATION YONGSAN AB KO STATION NAME 77-79 YEARS
ALL MONTHS
ALL
HOURS (L.S.T.)
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.1									.8	3.9
NNE	1.6	1.1	.3									7.8	5.4
NE	.1	1.6	.1									3.9	4.4
ENE	3.2	3.1	.6									7.0	3.5
E	7.4	4.7	.4									12.5	3.2
ESE	4.4	3.1	.1									8.0	3.1
SE	2.7	1.1	.1									2.8	2.1
SSE	1.5	1.4	.1									3.0	3.4
S	1.1	.2	.3									2.2	3.6
SSW	.4	.2	.3	.1								1.6	4.7
SW	.4	.2	.6	.1								1.9	5.4
WSW	1.1	2.2	1.3									3.0	3.2
W	2.5	5.7	2.7	.2								10.3	5.2
WNW	1.2	2.2	2.2	.4								3.1	5.0
NW	.2	.3	.9	.1								2.2	6.3
NNW	.3	.7	.6	.1								1.7	5.8
VARBL		.2	1.1	.2								1.6	6.6
CALM												25.4	
	11.1	31.3	11.3	.9								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1918

WEATHER CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGBA, AR KC STATION NAME 73-79 YEARS 73-79 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 0000-1800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0											.0	1.0
NNE	1.2	1.7	.2									2.2	4.0
NE	1.7	2.1										3.5	3.4
ENE	2.7	2.3	.4									5.5	4.0
E	6.6	5.7	.2									12.5	3.1
ESE	7.6	2.3	.4									10.4	2.7
SE	1.3	.6										1.9	2.7
SSE	.6	.4										1.3	2.6
S	.4	.2										.6	2.3
SSW		.4										.4	5.0
SW	.2	.2	.2									.6	4.7
WSW	.2											.2	2.0
W	2.3	2.1	.8									5.3	4.1
WNW	2.5	3.2	1.5									7.8	4.7
NW	.9	1.2	1.1									3.2	5.3
NNW		.6	1.2									1.9	7.1
VARBL		.2	.4									.6	3.7
CALM												40.0	
	22.4	24.1	6.6									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4-7-79 STATION YONGJIAN AP KC STATION NAME 73-79 YEARS NOV MONTH 1960-1170 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2										.2	4.0
NNE	2.4	1.7	.4									4.5	3.3
NE	1.5	.7	.9									3.6	4.4
ENE	2.2	5.2	1.3									9.7	4.4
E	8.2	7.1	.2									15.5	3.3
ESE	6.2	2.8	.2									9.0	2.8
SE	2.2	1.1										3.4	3.1
SSE	.7	.4										1.1	2.7
S	.7	.2										.9	2.6
SSW		.2	.6									.7	8.5
SW	.2	.7										.9	3.8
WSW	.4	1.5	.4									2.2	4.8
W	2.6	5.1	2.6									10.3	4.9
WNW	1.5	3.4	4.1	.6								9.6	6.5
NW	.4	1.1	1.9	.4	.3							3.9	8.1
NNW	.2	.7	.7	.4								2.1	8.0
VARBL		.2	1.7									1.9	3.0
CALM												20.4	
	35.7	32.4	15.0	1.3	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 534

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

41-79 STATION YONGSAN AB K9 78-79 MONTH NOV
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4										.8	3.8
NNE	1.6	2.4		.2								4.2	4.2
NE	1.2	2.6	.6									4.4	4.5
ENE	2.4	4.3	.6									7.8	4.2
E	3.8	3.3	.8									8.4	3.7
ESE	2.4	1.8										4.2	3.1
SE	1.6	1.2										2.2	3.4
SSE	.6	1.6										1.6	3.9
S	1.2	.5	.4									2.2	3.9
SSW	1.6	.2	.6									3.0	4.5
SW	.6	1.4	.6									2.6	5.2
WSW	.4	4.5	1.8	.4	.2							6.8	6.7
W	2.2	6.5	8.6	.8								19.1	6.5
WNW	1.6	5.4	4.5	.6								11.6	6.7
NW	.2	1.2	1.4		.2							3.0	7.3
NNW	.2	.4	.6	.6								1.8	8.7
VARBL		.4	1.5	.6	.4							3.2	10.3
CALM												12.0	
	21.5	40.4	22.1	1.2	.8							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4-177 STATION YONGSAN AB KC STATION NAME 77-79 YEARS NOV MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2									.7	4.3
NNE	.9	1.2	.2									2.3	3.4
NE	2.3	.5										2.8	2.6
ENE	1.6	3.7	.5									5.3	4.1
E	3.5	2.3										5.8	3.0
ESE	.7	.7										1.4	3.2
SE	.9											.9	2.3
SSE	.7	.2										.9	3.1
S	1.2	.2	.7									2.1	4.6
SSW	.5	.2	.2	.2								1.2	6.6
SW	.7	.9	1.4									3.0	6.2
WSW	1.6	3.2	1.8		.2							6.9	5.8
W	2.1	12.5	3.5	.5								24.9	5.9
WNW	3.7	8.6	6.9	.2	.2							19.9	5.8
NW	.5	2.1	2.3	1.2	.2							6.2	8.1
NNW	.5	1.4	.2	.5								2.5	6.2
VARBL			2.3	.2								2.5	8.2
CALM												10.6	
	21.7	37.9	26.3	2.8	.7							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

40-79 STATION YONGSAH AR KO STATION NAME 77-79 YEARS NOV
MONTH ALL
CLASS ALL WEATHER
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.1									.0	3.2
NNE	1.9	1.2	.2	.1								2.6	3.9
NE	1.9	1.0	.4									3.8	3.9
ENE	2.9	3.9	.7									1.0	4.3
E	5.6	4.9	.3									10.6	3.3
ESE	4.3	2.2	.2									6.4	2.9
SE	1.4	.3										2.2	3.5
SSE	.7	.5										1.2	3.2
S	.9	.3	.3									1.4	3.7
SSW	.5	.4	.4	.1								1.3	5.5
SW	.4	.3	.5									1.8	5.3
WSW	.6	2.2	1.0	.1	.1							4.0	6.0
W	2.3	6.9	5.1	.3								14.6	5.8
WNW	2.1	5.2	4.3	.4	.1							12.0	6.0
NW	.5	1.4	1.7	.4	.2							4.0	7.4
NNW	.2	.3	.7	.4								2.1	7.5
VARBL		.2	1.5	.2	.1							2.1	9.0
CALM												20.6	
	26.0	33.6	17.3	1.8	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1976

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

43-79 STATION YONGSAN AB KC 73-79 YEARS DEC MONTH
1600-1800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.2									.4	4.5
NNE	1.3	2.3	.2									3.5	4.1
NE	.6	1.9										3.5	4.4
ENE	2.1	1.9	.6									4.6	4.1
E	3.5	5.4										14.0	3.1
ESE	5.7	1.3										6.3	2.6
SE	1.3	.2										2.1	3.1
SSE	.2	.6										.8	4.5
S		.2	.2									.4	6.5
SSW	.2											.2	2.0
SW	.2		.2									.4	6.1
WSW	.9	.2	.2									1.9	3.9
W	2.3	2.2	.6									7.3	3.7
WNW	1.5	3.3	.6	.2	.2							9.8	5.5
NW	1.5	1.9	1.7									4.0	4.8
NNW	.6	.4	.6									1.7	5.3
VABBL													
CALM												43.8	
	27.3	23.8	4.6	.2	.2							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 479

REGIONAL CLIMATOLOGY BRANCH
 COMETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FIRST PAGE

STATION YONGSAN AS KD STATION NAME 77-79 YEARS DEC
 CLASS ALL WEATHER MONTH 900-1100
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.6									.9	3.8
NNE	.9	1.7	.2									3.5	4.7
NE	1.3	1.9										3.8	3.4
ENE	3.5	3.5	.6									7.6	3.8
E	15.8	7.6	.4									18.6	3.1
ESE	6.1	3.5	.4									9.5	3.2
SE	1.3	.5										2.2	3.0
SSE	.4	.7										1.1	3.3
S	.2	.4										.6	3.3
SSW													
SW	.6	.6	.2									1.3	3.7
WSW	.6	1.1										1.7	3.6
W	2.7	6.1	1.9	.6								10.1	5.1
WNW	1.5	3.7	2.2									7.4	3.5
NW	.6	.9	.6	.2								3.2	3.2
NNW	.5	1.3	.9	.2								3.0	3.4
VARBL		.4	.4	.2								.9	3.8
CALM												25.0	
	32.4	33.3	8.2	1.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 537

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGSAN AB KO STATION NAME 73-79 YEARS 25 MONTH 12
CLASS ALL WEATHER
CONDITION 100-1400
HOURS [L.S.T.]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2									.2	2.7
NNE	1.6	2.2	.2									4.0	3.7
NE	1.0	1.7	.2									2.9	3.3
ENE	3.2	4.1	.4									7.6	3.6
E	1.7	3.4	.2									6.6	3.3
ESE	1.2	1.2	.2									4.2	3.3
SE	1.2	.6										1.8	3.1
SSE	1.2											1.1	2.2
S	.8	1.7	.4									2.2	4.7
SSW	.2	.2	.2									.6	5.7
SW	.4	.6										1.0	3.8
WSW	1.2	3.7	2.2									6.2	5.3
W	3.6	13.5	2.9									20.0	5.9
WNW	.6	5.4	5.4	.6	.4							12.9	7.3
NW		1.7	1.4									2.4	7.3
NNW	.2	.6	2.4	.4								3.6	6.6
VARBL			1.4	.2								1.6	9.6
CALM												15.3	
	21.7	37.8	22.5	1.2	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 497

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
ATLANTIC SERVICE/NAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YANAGAN AG KO STATION NAME YANAGAN YEARS 77-79 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1800-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	1.5
NNE	1.2	.5										1.4	2.7
NE	1.4		.7									.1	4.0
ENE	3.5	.7										4.1	2.7
E	4.4	1.6										5.5	2.7
ESE	1.2	.5										1.8	3.7
SE	.5											.5	1.5
SSE	.5	.5										.7	4.0
S	.7		.7									.7	8.0
SSW	.5	.5	.7	.5								3.3	7.3
SW	1.2	.7	.9									4.5	4.2
WSW	.7	.7	3.5									4.7	3.5
W	5.5	14.1	6.5			.7						20.5	5.1
WNW	2.7	1.1	5.5									20.7	5.9
NW	.7	1.5	2.1	.7								5.3	7.4
NNW	.5	.5	1.8		.7							4.5	5.5
VARBL			.7	.5								.9	7.3
CALM												14.3	
	6.3	34.6	23.5	1.4	.2	.7						15.9	4.5

TOTAL NUMBER OF OBSERVATIONS 434

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
ATLANTA/ATLANTA SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 1140000 AR KC STATION NAME 71-79 YEARS 36
MONTH ALL
CLASS ALL
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2		.7									.5	4.7
NNE	1.2	1.6	.2									1.0	3.4
NE	1.7	1.1	.2									.5	3.6
ENE	3.1	2.0	.4									3.1	3.7
E	6.9	4.7	.2									11.5	3.1
ESE	5.9	1.5	.2									5.6	3.0
SE	1.1	.3										1.7	3.6
SSE	.3	.5										.9	3.3
S	.2	.4	.2									.9	4.8
SSW	.7	.3	.2	.1								.7	3.6
SW	.6	.5	.3									1.3	4.5
WSW	.9	2.7	1.2									4.0	5.2
W	4.3	8.9	4.3	.2		.1						17.7	5.2
WNW	1.7	3.2	3.7	.2	.3							11.3	6.2
NW	.5	1.4	1.2	.2								3.4	6.4
NNW	.4	.7	1.4	.2	.1							2.3	7.4
VARBL		.1	.6	.2								.9	9.4
CALM												24.5	
	7.1	32.4	14.5	1.0	.2	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4075 YANBAN AB MO 72-40
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
ALL
MONTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.0	.1									.6	4.3
NNE	1.0	1.1	.3	.0								2.4	4.1
NE	1.6	1.4	.5	.0								3.5	4.1
ENE	2.6	2.2	.7	.0								5.1	4.1
E	3.9	4.2	.6	.0								12.7	4.4
ESE	3.6	1.9	.2	.0								5.7	3.1
SE	1.6	1.0	.1	.0								2.7	3.0
SSE	1.1	.2	.1									1.0	3.4
S	1.2	1.0	.5	.0		.0						3.7	4.3
SSW	.4	.0	.7	.1	.0							2.0	0.1
SW	.6	1.2	1.2	.6	.0							3.3	0.3
WSW	1.1	2.7	2.6	.3	.1							5.7	0.4
W	2.0	6.7	5.3	.5	.0	.0						15.7	0.1
WNW	1.3	3.0	2.0	.3	.0							6.2	0.1
NW	.4	1.1	1.2	.2	.0							2.3	0.0
NNW	.2	.5	.5	.1	.0							1.3	0.0
VARBL	.1	.2	1.3	.2	.0							1.7	9.0
CALM												11.7	
	26.0	31.2	13.9	2.0	.2	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2474

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION YONGUAN AB KO STATION NAME 73-30 YEARS ALL
INSTRUMENT ALL MONTH ALL
CLASS ALL HOURS (L.S.T.) ALL
CONDITION CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2
NNE	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.3
NE	1.4	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.5
ENE	3.1	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	5.6	3.9
E	7.6	3.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	11.7	3.0
ESE	5.6	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	2.8
SE	4.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.7
SSE	1.4	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.8
S	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.3
SSW	.5	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.3	3.2
SW	.7	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.8	3.7
WSW	1.2	2.2	1.1	.3	.1	.0	.0	.0	.0	.0	.0	3.0	3.6
W	3.9	5.7	1.5	.2	.0	.0	.0	.0	.0	.0	.0	10.6	4.7
WNW	1.5	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6
NW	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8
NNW	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.2
VARBL	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.3
CALM												35.9	
	32.4	23.4	6.3	.8	.3	.0	.0	.0	.0	.0	.0	100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 4768

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43-79
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/4	≥ 0
NO CEILING		40.7	44.7	44.0	52.2	53.7	56.5	59.1	59.9	60.4	60.6	61.0	61.0	61.0	61.0	61.0
≥ 20000		41.8	45.3	45.3	54.9	56.3	59.7	62.7	63.4	64.0	64.6	64.9	64.9	64.9	64.9	65.1
≥ 18000		42.0	45.5	45.5	55.4	56.9	60.3	63.2	64.7	64.6	65.1	65.5	65.5	65.5	65.5	65.7
≥ 16000		42.0	45.5	45.5	55.4	56.9	60.3	63.2	64.7	64.6	65.1	65.5	65.5	65.5	65.5	65.7
≥ 14000		42.0	45.5	45.5	55.6	57.1	60.4	63.4	64.2	64.7	65.3	65.7	65.7	65.7	65.7	65.9
≥ 12000		42.4	45.9	45.9	56.2	57.6	61.0	64.4	65.1	65.7	66.4	66.8	66.8	66.8	66.8	67.0
≥ 10000		43.5	47.7	47.0	57.8	59.7	63.1	66.4	67.2	67.7	68.5	68.8	68.8	68.8	68.8	69.0
≥ 9000		43.8	47.4	47.4	58.4	60.3	63.6	67.0	67.7	68.3	69.0	69.4	69.4	69.4	69.4	69.6
≥ 8000		45.0	48.5	48.5	60.1	61.9	65.5	69.0	69.8	70.3	71.1	71.5	71.5	71.5	71.5	71.6
≥ 7000		45.0	48.9	48.9	60.4	62.3	65.9	69.4	70.1	70.7	71.5	71.8	71.8	71.8	71.8	72.0
≥ 6000		45.0	48.9	48.9	60.4	62.3	65.9	69.4	70.1	70.7	71.5	71.8	71.8	71.8	71.8	72.0
≥ 5000		45.0	48.9	48.9	60.6	62.5	66.0	69.6	70.3	70.9	71.6	72.0	72.0	72.0	72.0	72.2
≥ 4500		45.0	48.9	48.9	60.6	62.5	66.0	69.6	70.3	70.9	71.6	72.0	72.0	72.0	72.0	72.2
≥ 4000		45.3	49.4	49.4	61.6	63.6	67.2	70.7	71.5	72.0	72.8	73.1	73.1	73.1	73.1	73.3
≥ 3500		46.6	50.7	50.7	63.8	66.8	71.1	74.8	75.6	76.3	77.1	77.4	77.4	77.4	77.4	77.6
≥ 3000		51.5	56.7	56.7	72.0	75.7	81.5	85.4	86.6	87.3	88.4	88.8	89.2	89.2	89.2	89.4
≥ 2500		52.6	58.4	58.4	74.4	78.4	84.5	88.4	89.7	90.5	92.9	93.3	93.7	94.0	94.0	94.2
≥ 2000		52.6	58.6	58.6	74.8	78.7	85.4	89.4	90.7	91.4	94.0	94.4	94.8	95.1	95.1	95.3
≥ 1800		52.6	58.6	58.6	74.8	78.7	85.4	89.4	90.7	91.4	94.0	94.4	94.8	95.1	95.1	95.3
≥ 1500		53.0	58.8	58.8	75.0	78.9	85.6	89.7	91.2	92.0	94.6	95.0	95.3	95.7	95.7	95.9
≥ 1200		53.0	58.8	58.8	75.0	78.9	85.8	89.9	91.4	92.2	95.0	95.3	95.7	96.1	96.1	96.3
≥ 1000		53.0	58.8	58.8	75.0	79.1	86.0	90.1	91.6	92.5	95.3	95.7	96.1	96.5	96.5	96.6
≥ 900		53.0	58.8	58.8	75.0	79.1	86.0	90.1	91.6	92.5	95.3	95.7	96.1	96.5	96.5	96.6
≥ 800		53.0	58.8	58.8	75.0	79.1	86.0	90.3	91.8	92.7	95.5	95.9	96.3	96.6	96.6	96.8
≥ 700		53.0	58.8	58.8	75.0	79.1	86.0	90.3	91.8	92.7	95.5	95.9	96.3	96.6	96.6	96.8
≥ 600		53.0	58.8	58.8	75.0	79.1	86.0	90.3	91.8	92.7	95.7	96.1	96.6	97.0	97.0	97.2
≥ 500		53.0	58.8	58.8	75.0	79.1	86.4	90.7	92.2	93.3	96.3	96.6	97.6	97.9	97.9	98.1
≥ 400		53.0	58.8	58.8	75.0	79.1	86.4	90.7	92.2	93.3	96.3	96.6	97.8	98.3	98.3	98.5
≥ 300		53.0	58.8	58.8	75.0	79.1	86.4	90.7	92.2	93.3	96.3	96.6	97.8	98.5	98.5	98.7
≥ 200		53.0	58.8	58.8	75.0	79.1	86.4	90.7	92.2	93.3	96.3	96.6	97.8	98.5	98.5	99.3
≥ 100		53.0	58.8	58.8	75.0	79.1	86.4	90.7	92.2	93.3	96.3	96.6	97.8	98.5	98.5	99.4
≥ 0		53.0	58.8	58.8	75.0	79.1	86.4	90.7	92.2	93.3	96.3	96.6	97.8	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 536

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47279
STATION

YONGSAN AB KO
STATION NAME

73-87
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		32.9	33.7	38.0	46.4	49.9	53.8	57.9	59.4	61.6	63.6	63.9	63.9	63.7	63.9	63.9
≥ 20000		33.9	39.3	39.3	49.0	53.0	57.8	62.4	64.1	66.6	69.0	69.8	69.8	69.8	70.0	70.0
≥ 18000		34.2	39.6	39.6	49.3	53.3	58.1	62.8	64.4	66.9	69.3	70.1	70.1	70.1	70.3	70.3
≥ 16000		34.2	39.8	39.8	49.4	53.5	58.3	62.9	64.5	67.1	69.5	70.3	70.3	70.3	70.5	70.5
≥ 14000		34.2	40.0	40.0	49.6	53.6	58.4	63.1	64.7	67.3	69.7	70.5	70.5	70.5	70.6	70.6
≥ 12000		34.5	40.3	40.3	49.9	53.9	58.7	63.4	65.0	67.6	70.1	70.9	70.9	70.9	71.1	71.1
≥ 10000		35.2	40.9	40.9	51.0	55.5	60.8	65.7	67.4	70.0	72.6	73.5	73.5	73.5	73.7	73.7
≥ 9000		35.3	41.3	41.3	51.4	56.0	61.3	66.1	67.9	70.5	73.0	74.0	74.0	74.0	74.2	74.2
≥ 8000		35.6	41.6	41.6	51.8	56.7	62.4	67.4	69.3	71.9	75.0	75.9	75.9	75.9	76.1	76.1
≥ 7000		36.0	41.9	41.9	52.5	57.3	63.2	68.4	70.3	72.9	75.9	76.9	76.9	76.9	77.0	77.0
≥ 6000		36.0	41.9	41.9	52.5	57.3	63.2	68.4	70.3	72.9	75.9	76.9	76.9	76.9	77.0	77.0
≥ 5000		36.1	42.4	42.4	53.0	57.8	63.7	68.9	70.8	73.4	76.4	77.4	77.4	77.4	77.5	77.5
≥ 4500		36.3	42.5	42.5	53.1	57.9	63.9	69.0	70.9	73.5	76.6	77.5	77.5	77.5	77.7	77.7
≥ 4000		37.4	43.7	43.7	55.1	59.9	65.8	70.9	73.0	75.6	78.7	79.6	79.6	79.6	79.8	79.8
≥ 3500		38.7	44.9	44.9	57.1	62.3	68.4	73.5	75.8	78.7	81.9	82.8	82.8	82.8	83.0	83.0
≥ 3000		40.4	47.0	47.0	61.6	67.4	73.7	79.1	81.5	84.8	88.6	89.6	89.7	89.9	90.0	90.0
≥ 2500		41.3	47.8	47.8	62.9	69.2	75.6	81.7	84.3	87.6	92.1	93.3	93.4	93.7	93.9	93.9
≥ 2000		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 1800		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 1500		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 1200		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 1000		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 900		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 800		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 700		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 600		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 500		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 400		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 300		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 200		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 100		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5
≥ 0		41.4	48.0	48.0	63.6	70.1	76.9	83.1	85.7	89.1	93.6	94.9	95.0	95.3	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 623

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		40.5	46.4	46.4	56.2	59.9	61.8	64.0	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000		43.8	49.8	49.8	61.1	65.4	67.5	70.2	70.6	71.5	71.6	71.8	71.8	72.0	72.0	72.0
≥ 18000		44.1	50.2	50.2	61.6	65.9	68.0	70.8	71.1	72.0	72.1	72.3	72.3	72.5	72.5	72.5
≥ 16000		44.1	50.2	50.2	61.6	65.9	68.0	70.8	71.1	72.0	72.1	72.3	72.3	72.5	72.5	72.5
≥ 14000		44.1	50.2	50.2	61.6	65.9	68.0	70.8	71.1	72.0	72.1	72.3	72.3	72.5	72.5	72.5
≥ 12000		44.3	50.3	50.3	62.3	66.6	68.7	71.6	72.1	72.8	73.0	73.2	73.2	73.4	73.4	73.4
≥ 10000		45.0	51.0	51.0	64.0	68.3	70.4	73.4	73.9	74.7	74.9	75.1	75.1	75.3	75.3	75.3
≥ 9000		45.7	51.7	51.7	65.1	69.4	71.6	74.7	75.3	76.1	76.3	76.5	76.5	76.6	76.6	76.6
≥ 8000		46.0	52.2	52.2	65.7	70.2	72.8	76.1	76.6	77.5	77.7	77.9	77.9	78.0	78.0	78.0
≥ 7000		46.5	52.8	52.8	66.3	70.8	73.4	76.6	77.2	78.0	78.2	78.4	78.4	78.5	78.5	78.5
≥ 6000		46.5	52.8	52.8	66.3	70.8	73.4	76.6	77.2	78.0	78.2	78.4	78.4	78.5	78.5	78.5
≥ 5000		46.9	53.1	53.1	66.6	71.1	73.7	77.0	77.5	78.4	78.5	78.7	78.7	78.9	78.9	78.9
≥ 4500		47.6	54.7	54.7	67.5	72.0	74.6	77.9	78.4	79.2	79.4	79.6	79.6	79.8	79.8	79.8
≥ 4000		47.8	54.7	54.7	68.2	72.8	75.4	78.7	79.2	80.6	80.8	81.0	81.0	81.1	81.1	81.1
≥ 3500		48.8	55.4	55.4	69.7	74.6	77.2	80.6	81.5	82.9	83.0	83.2	83.2	83.4	83.4	83.4
≥ 3000		52.1	59.2	59.2	76.0	81.0	84.6	88.6	89.4	90.8	91.0	91.2	91.2	91.3	91.3	91.3
≥ 2500		52.8	59.9	59.9	77.5	82.7	86.5	90.7	91.7	93.3	93.8	93.9	93.9	94.1	94.1	94.1
≥ 2000		52.9	60.0	60.0	77.9	83.0	87.0	92.0	93.1	94.6	95.7	95.8	96.0	96.2	96.2	96.2
≥ 1800		53.1	60.2	60.2	78.0	83.2	87.2	92.2	93.3	94.8	95.8	96.0	96.2	96.4	96.4	96.5
≥ 1500		53.3	60.4	60.4	78.2	83.4	87.4	92.4	93.4	95.0	96.0	96.2	96.4	96.7	96.7	96.9
≥ 1200		53.3	60.4	60.4	78.4	83.6	87.5	92.6	93.6	95.2	96.5	96.7	96.9	97.2	97.4	97.6
≥ 1000		53.3	60.4	60.4	78.4	83.6	87.5	92.6	93.6	95.2	96.5	96.7	96.9	97.2	97.4	97.6
≥ 900		53.3	60.4	60.4	78.4	83.6	87.5	92.6	93.6	95.2	96.5	96.7	96.9	97.2	97.4	97.6
≥ 800		53.3	60.4	60.4	78.4	83.6	87.5	92.6	93.6	95.2	96.5	96.7	96.9	97.2	97.4	97.6
≥ 700		53.3	60.4	60.4	78.7	83.9	87.9	92.9	93.9	95.5	97.1	97.2	97.6	97.9	98.1	98.3
≥ 600		53.3	60.4	60.4	78.7	84.1	88.1	93.1	94.1	95.7	97.2	97.4	97.8	98.1	98.3	98.4
≥ 500		53.3	60.4	60.4	78.7	84.1	88.1	93.1	94.1	95.8	97.4	97.6	97.9	98.6	99.0	99.1
≥ 400		53.3	60.4	60.4	78.7	84.1	88.1	93.1	94.1	95.8	97.6	97.8	98.3	99.0	99.3	99.5
≥ 300		53.3	60.4	60.4	78.7	84.1	88.2	93.3	94.3	96.0	97.8	97.9	98.4	99.1	99.7	100.0
≥ 200		53.3	60.4	60.4	78.7	84.1	88.2	93.3	94.3	96.0	97.8	97.9	98.4	99.1	99.7	100.0
≥ 100		53.3	60.4	60.4	78.7	84.1	88.2	93.3	94.3	96.0	97.8	97.9	98.4	99.1	99.7	100.0
≥ 0		53.3	60.4	60.4	78.7	84.1	88.2	93.3	94.3	96.0	97.8	97.9	98.4	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 578

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB XO
STATION NAME

73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000		53.8	57.4	57.4	63.8	65.5	67.7	67.2	67.2	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 18000		56.2	60.8	60.8	68.1	70.0	71.5	71.7	71.7	71.9	71.9	71.9	71.9	72.1	72.1	72.1
≥ 16000		56.2	60.8	60.8	68.1	70.0	71.5	71.7	71.7	71.9	71.9	71.9	71.9	72.1	72.1	72.1
≥ 14000		56.6	61.1	61.1	68.5	70.4	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.5	72.5	72.5
≥ 12000		56.8	61.3	61.3	68.7	70.6	72.1	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 10000		58.9	63.4	63.4	70.9	72.8	74.5	74.9	74.9	75.1	75.1	75.1	75.1	75.3	75.3	75.3
≥ 9000		59.2	63.8	63.8	71.3	73.4	75.1	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 8000		60.2	64.9	64.9	72.5	74.5	76.2	76.6	76.6	77.0	77.0	77.0	77.0	77.2	77.2	77.2
≥ 7000		60.6	65.3	65.3	72.8	74.9	76.6	77.0	77.0	77.4	77.4	77.4	77.4	77.5	77.5	77.5
≥ 6000		60.6	65.3	65.3	72.8	74.9	76.6	77.0	77.0	77.4	77.4	77.4	77.4	77.5	77.5	77.5
≥ 5000		61.9	66.6	66.6	74.2	76.2	77.9	78.3	78.3	78.7	78.7	78.7	78.7	78.9	78.9	78.9
≥ 4500		62.9	67.2	67.2	74.7	76.8	78.5	78.9	78.9	79.2	79.2	79.2	79.2	79.4	79.4	79.4
≥ 4000		64.0	69.1	69.1	76.6	78.7	80.4	80.9	80.9	81.7	81.7	81.7	81.7	81.9	81.9	81.9
≥ 3500		65.3	70.4	70.4	77.9	80.2	82.1	83.0	83.0	83.8	83.8	83.8	83.8	84.0	84.0	84.0
≥ 3000		68.5	73.6	73.6	82.5	85.1	87.7	89.2	89.2	90.0	90.0	90.0	90.0	90.2	90.2	90.2
≥ 2500		69.8	74.9	74.9	84.5	87.5	90.2	91.7	92.1	93.0	93.0	93.0	93.0	93.2	93.2	93.2
≥ 2000		70.0	75.1	75.1	85.3	88.9	91.5	93.4	94.0	95.3	95.7	95.7	95.7	95.8	95.8	95.8
≥ 1800		70.0	75.1	75.1	85.3	88.9	91.5	93.4	94.0	95.3	95.7	95.7	95.7	95.8	95.8	95.8
≥ 1500		70.0	75.1	75.1	86.7	89.8	92.6	94.7	95.7	97.0	97.4	97.4	97.4	97.5	97.5	97.5
≥ 1200		70.2	75.3	75.3	86.2	90.0	92.8	95.1	96.0	97.4	97.7	97.7	97.7	97.9	97.9	97.9
≥ 1000		70.2	75.3	75.3	86.2	90.0	92.8	95.1	96.0	97.4	97.7	97.7	97.7	97.9	97.9	97.9
≥ 900		70.2	75.3	75.3	86.2	90.0	92.8	95.3	96.2	97.5	97.9	97.9	97.9	98.1	98.1	98.1
≥ 800		70.2	75.3	75.3	86.2	90.0	92.8	95.3	96.2	97.7	98.1	98.1	98.1	98.3	98.3	98.3
≥ 700		70.2	75.3	75.3	86.4	90.2	93.2	95.7	96.8	98.3	98.7	98.7	98.7	98.9	99.1	99.1
≥ 600		70.2	75.3	75.3	86.4	90.2	93.2	95.7	96.8	98.3	98.7	98.7	98.7	98.9	99.1	99.1
≥ 500		70.2	75.3	75.3	86.4	90.2	93.2	95.7	97.0	98.7	99.1	99.1	99.2	99.4	99.6	99.6
≥ 400		70.2	75.3	75.3	86.4	90.2	93.2	95.7	97.0	98.7	99.1	99.1	99.2	99.6	99.8	99.8
≥ 300		70.2	75.3	75.3	86.4	90.2	93.2	95.7	97.0	98.7	99.1	99.1	99.2	99.6	99.8	99.8
≥ 200		70.2	75.3	75.3	86.4	90.2	93.2	95.7	97.0	98.7	99.1	99.1	99.2	99.6	99.8	99.8
≥ 100		70.2	75.3	75.3	86.4	90.2	93.2	95.7	97.0	98.7	99.1	99.1	99.2	99.6	99.8	99.8
≥ 0		70.2	75.3	75.3	86.4	90.2	93.2	95.7	97.0	98.7	99.1	99.1	99.2	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

40279
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥4	≥0
NO CEILING ≥ 20000		41.6	46.1	46.1	54.3	57.0	59.6	61.9	62.6	63.6	64.2	64.4	64.4	64.4	64.4	64.4
≥ 18000		43.5	48.4	48.4	57.9	60.9	63.9	66.7	67.4	68.5	69.3	69.7	69.7	69.7	69.8	69.8
≥ 16000		43.7	48.7	48.7	58.3	61.3	64.3	67.0	67.7	68.8	69.7	70.0	70.0	70.1	70.1	70.2
≥ 14000		43.7	48.7	48.7	58.3	61.3	64.3	67.0	67.8	68.9	69.7	70.0	70.0	70.1	70.2	70.2
≥ 12000		43.8	48.8	48.8	58.5	61.5	64.5	67.2	67.9	69.3	69.9	70.2	70.2	70.3	70.4	70.4
≥ 10000		44.1	49.1	49.1	58.9	61.9	64.9	67.8	68.5	69.6	70.5	70.9	70.9	71.0	71.0	71.1
≥ 9000		45.2	50.2	50.2	60.6	63.8	67.0	70.0	70.8	71.9	72.8	73.2	73.2	73.3	73.3	73.4
≥ 8000		45.6	50.6	50.6	61.2	64.5	67.7	70.7	71.5	72.6	73.5	73.9	73.9	74.1	74.1	74.1
≥ 7000		46.2	51.4	51.4	62.2	65.5	69.0	72.2	73.0	74.2	75.2	75.6	75.6	75.7	75.7	75.8
≥ 6000		46.5	51.8	51.8	62.6	66.0	69.6	72.7	73.6	74.7	75.8	76.2	76.2	76.3	76.3	76.4
≥ 5000		46.5	51.8	51.8	62.6	66.0	69.6	72.7	73.6	74.7	75.8	76.2	76.2	76.3	76.3	76.4
≥ 4500		47.0	52.3	52.3	63.2	66.6	70.1	73.3	74.2	75.3	76.4	76.8	76.8	76.9	76.9	76.9
≥ 4000		47.3	52.7	52.7	63.6	67.0	70.5	73.7	74.5	75.7	76.8	77.2	77.2	77.2	77.3	77.3
≥ 3500		48.1	53.7	53.7	65.0	68.5	72.0	75.2	76.1	77.5	78.5	78.9	78.9	79.0	79.0	79.1
≥ 3000		49.4	54.9	54.9	66.8	70.7	74.5	77.9	78.9	80.4	81.5	81.9	81.9	82.0	82.0	82.0
≥ 2500		5.6	58.4	58.4	72.6	77.0	81.6	85.4	86.5	88.1	89.5	89.9	90.0	90.2	90.2	90.3
≥ 2000		53.6	59.7	59.7	74.4	79.1	83.9	87.9	89.3	91.0	92.9	93.4	93.5	93.8	93.8	93.9
≥ 1800		53.7	59.9	59.9	74.9	79.8	84.9	89.3	90.7	92.5	94.7	95.2	95.4	95.6	95.7	95.7
≥ 1500		53.8	59.9	59.9	75.1	79.9	85.0	89.3	90.7	92.5	94.8	95.2	95.4	95.7	95.7	95.8
≥ 1200		53.9	60.0	60.0	75.3	80.2	85.3	89.8	91.4	93.3	95.5	95.9	96.1	96.4	96.5	96.6
≥ 1000		53.9	60.1	60.1	75.3	80.3	85.4	90.0	91.7	93.5	95.9	96.3	96.5	96.8	96.9	97.0
≥ 900		53.9	60.1	60.1	75.4	80.4	85.6	90.1	91.8	93.7	96.1	96.6	96.7	97.0	97.1	97.2
≥ 800		53.9	60.1	60.1	75.4	80.4	85.6	90.2	91.8	93.7	96.1	96.6	96.8	97.1	97.2	97.3
≥ 700		53.9	60.1	60.1	75.5	80.5	85.8	90.2	91.9	93.8	96.3	96.8	97.0	97.3	97.4	97.5
≥ 600		53.9	60.1	60.1	75.5	80.5	85.8	90.4	92.1	94.1	96.7	97.2	97.5	97.8	98.0	98.1
≥ 500		53.9	60.1	60.1	75.5	80.6	85.9	90.5	92.3	94.4	97.0	97.5	98.0	98.5	98.7	98.8
≥ 400		53.9	60.1	60.1	75.5	80.6	85.9	90.5	92.3	94.4	97.0	97.6	98.1	98.9	99.0	99.1
≥ 300		53.9	60.1	60.1	75.5	80.6	85.9	90.6	92.4	94.4	97.1	97.6	98.2	98.9	99.2	99.3
≥ 200		53.9	60.1	60.1	75.5	80.6	85.9	90.6	92.4	94.4	97.1	97.6	98.2	98.9	99.3	99.6
≥ 100		53.9	60.1	60.1	75.5	80.6	85.9	90.6	92.4	94.4	97.1	97.6	98.2	98.9	99.3	99.7
≥ 0		53.9	60.1	60.1	75.5	80.6	85.9	90.6	92.4	94.4	97.1	97.7	98.3	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47279

YONGSAN AB KO

73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		42.1	48.9	48.8	55.2	56.8	58.3	59.1	59.1	59.5	59.7	60.1	60.3	60.4	60.3	60.3
≥ 18000		43.6	50.8	50.8	58.1	59.7	61.6	62.4	62.4	62.8	63.0	63.6	63.8	63.8	63.8	63.8
≥ 16000		43.6	51.2	51.2	58.5	60.1	62.0	62.8	62.8	63.2	63.6	64.0	64.3	64.3	64.3	64.3
≥ 14000		43.6	51.2	51.2	58.5	60.1	62.0	62.8	62.8	63.2	63.6	64.0	64.3	64.3	64.3	64.3
≥ 12000		43.6	51.4	51.4	58.9	60.5	62.4	63.2	63.2	63.6	64.0	64.5	64.7	64.7	64.7	64.7
≥ 10000		44.8	52.9	52.9	60.7	62.4	64.5	65.3	65.5	65.9	66.6	66.9	67.1	67.1	67.1	67.1
≥ 9000		45.5	53.7	53.7	61.6	63.2	65.3	66.1	66.3	66.7	67.4	67.8	68.0	68.0	68.0	68.0
≥ 8000		47.1	56.6	56.6	64.7	66.5	68.6	69.4	69.6	70.0	70.7	71.1	71.3	71.3	71.3	71.3
≥ 7000		47.5	57.0	57.0	65.1	66.9	69.0	69.8	70.0	70.5	71.1	71.5	71.7	71.7	71.7	71.7
≥ 6000		47.7	57.2	57.2	65.3	67.1	69.2	70.0	70.2	70.7	71.3	71.7	71.9	71.9	71.9	71.9
≥ 5000		48.1	57.6	57.6	65.9	67.8	69.8	70.7	70.9	71.3	71.9	72.3	72.5	72.5	72.5	72.5
≥ 4500		48.3	57.9	57.9	66.1	68.0	70.0	70.9	71.1	71.5	72.1	72.5	72.7	72.7	72.7	72.7
≥ 4000		50.0	59.9	59.9	68.6	70.5	72.5	73.3	73.6	74.0	74.6	75.0	75.2	75.2	75.2	75.2
≥ 3500		50.6	61.0	61.0	70.0	72.3	74.6	75.6	75.8	76.2	76.9	77.3	77.5	77.5	77.5	77.5
≥ 3000		54.9	65.7	65.7	77.3	80.0	83.1	84.9	85.5	86.8	87.6	88.1	88.2	88.2	88.2	88.2
≥ 2500		55.4	67.1	67.1	79.8	82.4	85.7	87.8	88.6	89.9	90.7	91.1	91.3	91.3	91.3	91.3
≥ 2000		56.2	68.2	68.2	81.0	83.7	87.2	89.9	90.7	92.1	93.2	93.6	93.8	93.8	93.8	93.8
≥ 1800		56.2	68.4	68.4	81.4	84.3	87.8	90.5	91.3	92.8	93.8	94.2	94.4	94.4	94.4	94.4
≥ 1500		56.2	68.4	68.4	81.8	85.1	89.8	91.9	92.8	94.2	95.2	95.7	95.9	95.9	95.9	95.9
≥ 1200		56.2	68.4	68.4	82.0	85.3	89.0	92.1	93.0	94.4	95.7	96.1	96.5	96.5	96.5	96.5
≥ 1000		56.2	68.4	68.4	82.2	85.5	89.3	92.8	93.8	95.2	96.5	96.9	97.3	97.3	97.3	97.3
≥ 900		56.2	68.4	68.4	82.2	85.7	89.5	93.0	94.0	95.5	96.7	97.1	97.5	97.5	97.5	97.5
≥ 800		56.2	68.4	68.4	82.2	85.7	89.7	93.2	94.2	96.1	97.3	97.7	98.1	98.1	98.1	98.1
≥ 700		56.2	68.4	68.4	82.4	86.0	90.1	93.6	94.6	96.5	97.7	98.6	99.0	99.0	99.0	99.0
≥ 600		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.4	99.4	99.4	99.4
≥ 500		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.4	99.4	99.4	99.4
≥ 400		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.4	99.4	99.4	99.4
≥ 300		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.6	99.6	99.6	99.6
≥ 200		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.6	99.6	99.6	99.6
≥ 100		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.6	99.6	99.6	99.6
≥ 0		56.2	68.4	68.4	82.6	86.4	90.5	94.0	95.0	96.9	98.1	99.0	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 484

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4379 YONGSAN AB KO
STATION STATION NAME

73-87

YEARS

FE-

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

907-110
HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING		34.2	33.7	38.7	43.4	52.9	55.9	58.4	52.6	59.3	61.1	61.1	61.1	61.1	61.1	61.1
≥ 2000		36.0	41.2	41.2	52.0	56.5	60.0	63.1	63.3	64.2	66.3	66.5	66.5	66.5	66.7	66.7
≥ 1800		36.0	41.2	41.2	52.2	56.6	60.2	63.3	63.4	64.3	66.5	66.7	66.7	66.8	66.8	66.8
≥ 1600		36.0	41.2	41.2	52.2	56.6	60.2	63.3	63.4	64.3	66.5	66.7	66.7	66.8	66.8	66.8
≥ 1400		36.2	41.4	41.4	52.3	56.8	60.4	63.4	63.6	64.5	66.7	66.8	66.8	67.0	67.0	67.0
≥ 1200		36.7	42.0	42.1	53.4	57.9	61.5	64.9	65.1	65.9	68.1	68.3	68.3	68.5	68.5	68.5
≥ 1000		37.5	43.0	43.0	55.1	59.5	63.1	66.5	66.7	67.6	69.7	69.9	69.9	70.1	70.1	70.1
≥ 900		38.7	44.4	44.4	56.6	61.1	64.9	68.3	68.5	69.4	71.5	71.7	71.7	71.9	71.9	71.9
≥ 800		39.8	45.7	45.7	58.8	63.4	67.4	70.8	71.1	71.9	74.1	74.2	74.2	74.4	74.4	74.4
≥ 700		40.0	45.9	45.9	59.0	63.8	67.7	71.1	71.3	72.2	74.4	74.6	74.6	74.7	74.7	74.7
≥ 600		40.0	45.9	45.9	59.0	63.8	67.9	71.5	71.9	72.9	75.1	75.3	75.3	75.4	75.4	75.4
≥ 500		40.5	46.4	46.4	59.7	64.5	68.6	72.2	72.6	73.7	75.8	76.0	76.0	76.2	76.2	76.2
≥ 450		41.0	47.0	47.0	60.2	65.1	69.2	72.8	73.1	74.2	76.3	76.5	76.5	76.7	76.7	76.7
≥ 400		43.0	49.1	49.1	62.4	67.2	71.3	74.9	75.3	76.3	78.5	78.7	78.7	78.9	78.9	78.9
≥ 350		44.1	50.2	50.2	63.8	68.6	72.8	76.3	76.7	77.8	79.9	80.1	80.1	80.3	80.3	80.3
≥ 300		45.7	52.3	52.3	67.6	72.9	77.8	82.8	83.5	84.8	87.5	87.6	87.6	87.8	87.8	87.8
≥ 2500		47.1	53.8	53.8	69.9	75.3	80.5	86.7	87.5	88.9	91.9	92.3	92.3	92.5	92.5	92.5
≥ 2000		47.1	53.8	53.8	70.8	76.2	81.4	88.4	89.4	90.9	94.6	95.2	95.3	95.5	95.7	95.7
≥ 1800		47.1	53.8	53.8	71.0	76.5	82.3	89.2	90.3	91.8	95.5	96.1	96.2	96.4	96.6	96.6
≥ 1600		47.1	53.8	53.8	71.1	76.7	82.4	89.6	90.9	92.3	96.1	96.6	96.8	97.0	97.1	97.1
≥ 1400		47.1	53.8	53.8	71.1	76.7	82.4	89.6	90.9	92.3	96.1	96.6	96.8	97.0	97.1	97.1
≥ 1200		47.1	53.8	53.8	71.1	76.7	82.4	89.6	90.9	92.3	96.1	96.6	96.8	97.0	97.1	97.1
≥ 1000		47.1	53.8	53.8	71.5	77.1	83.3	90.5	91.8	93.2	97.0	97.5	97.7	97.8	98.0	98.0
≥ 900		47.1	53.8	53.8	71.5	77.1	83.5	90.7	91.9	93.4	97.1	97.7	97.8	98.0	98.2	98.2
≥ 800		47.1	53.8	53.8	71.5	77.1	83.5	90.7	91.9	93.4	97.1	97.7	97.8	98.0	98.2	98.2
≥ 700		47.1	53.8	53.8	71.5	77.1	83.5	90.7	91.9	93.4	97.1	97.7	97.8	98.0	98.2	98.2
≥ 600		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.7	94.4	98.2	98.9	99.1	99.3	99.5	99.5
≥ 500		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.8	94.6	98.4	99.1	99.3	99.5	99.6	99.6
≥ 400		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.8	94.6	98.4	99.1	99.3	99.5	99.6	99.6
≥ 300		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.8	94.6	98.4	99.1	99.3	99.5	99.6	99.6
≥ 200		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.8	94.6	98.4	99.1	99.3	99.5	99.6	99.6
≥ 100		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.8	94.6	98.4	99.1	99.3	99.5	99.6	99.6
≥ 0		47.1	53.8	53.8	71.5	77.2	83.7	91.2	92.8	94.6	98.4	99.1	99.3	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 550

AD-A102 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
YONGSAN AB, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WEATHER O--ETC(U)
JUN 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
YONGSAN AB, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WEATHER 0--ETC(U)
JUN 81

UNCLASSIFIED USAFETAC/DS-81/064 SBIE-AD-E850 092 NL

SBIE-AD-E850 092

NL

2 of 3

2004

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43779
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

FE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000		41.1	47.1	47.1	55.4	57.4	58.3	58.5	59.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000 ≥ 6000		45.3	52.5	52.5	63.0	65.1	66.3	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000 ≥ 2000		46.5	54.1	54.1	64.5	66.7	67.8	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000 ≥ 9000		46.7	54.3	54.3	64.7	66.9	68.0	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000 ≥ 7000		47.5	55.2	55.2	65.7	67.8	69.0	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000 ≥ 5000		48.8	56.6	56.6	67.2	69.6	70.7	71.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500 ≥ 4000		49.2	57.0	57.0	67.6	70.0	71.1	72.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500 ≥ 3000		50.4	58.3	58.3	69.8	72.1	73.3	74.2	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500 ≥ 2000		51.6	59.5	59.5	71.5	74.0	75.4	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500 ≥ 1000		51.6	59.5	59.5	71.5	74.0	75.4	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1000 ≥ 500		51.6	59.5	59.5	71.5	74.0	75.4	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 500 ≥ 0		51.6	59.5	59.5	71.5	74.0	75.4	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500 ≥ 2000		61.6	71.5	71.5	86.8	90.3	92.6	93.6	93.8	94.4	94.6	95.0	95.0	95.0	95.0	95.0
≥ 1800 ≥ 1500		62.0	71.9	71.9	87.4	90.9	93.2	94.2	94.4	95.2	95.3	95.7	95.7	95.7	95.7	95.7
≥ 1200 ≥ 1000		62.0	72.3	72.3	88.6	92.1	94.6	95.9	96.1	97.3	97.5	97.9	97.9	97.9	97.9	97.9
≥ 900 ≥ 800		62.0	72.3	72.3	88.6	92.4	95.0	96.3	96.5	97.7	97.9	98.4	98.4	98.4	98.4	98.4
≥ 700 ≥ 600		62.0	72.3	72.3	88.6	92.4	95.2	96.5	96.7	97.9	98.1	98.6	98.6	98.6	98.6	98.6
≥ 500 ≥ 400		62.0	72.3	72.3	88.6	92.6	95.5	97.1	97.3	98.4	98.6	99.2	99.2	99.2	99.2	99.2
≥ 300 ≥ 200		62.0	72.3	72.3	88.6	92.6	95.5	97.1	97.9	99.0	99.2	99.8	99.8	99.8	99.8	99.8
≥ 100 ≥ 0		62.0	72.3	72.3	88.6	92.6	95.5	97.3	98.1	99.2	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 516

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47279
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		50.5	54.4	54.4	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000		50.5	54.4	54.4	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000		57.8	62.5	62.5	68.7	68.7	68.9	68.9	63.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000		59.0	62.7	62.7	68.2	68.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000		58.1	62.7	62.7	68.4	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000		59.3	64.0	64.0	69.7	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000		60.8	65.7	65.7	71.6	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000		62.5	67.4	67.4	73.3	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000		64.8	69.9	69.9	76.5	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000		66.1	71.4	71.4	78.0	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000		66.3	71.9	71.9	79.5	79.1	80.0	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000		67.2	72.7	72.7	79.3	80.0	80.8	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500		67.8	73.3	73.3	80.0	80.8	81.4	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000		69.7	75.3	75.3	81.9	82.5	83.4	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500		70.8	76.3	76.3	82.9	83.6	84.4	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000		74.6	81.8	80.8	89.3	90.0	90.8	91.0	91.0	91.0	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		75.7	81.9	81.9	91.5	92.1	93.2	93.6	93.6	93.6	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000		76.8	82.9	82.9	93.0	93.6	94.7	95.1	95.1	95.3	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500		77.4	83.6	83.6	94.0	94.7	95.7	96.4	96.4	96.6	97.4	97.7	97.7	97.7	97.7	97.7
≥ 1200		77.4	83.6	83.6	94.2	94.9	95.9	96.6	96.6	96.8	97.7	97.9	97.9	97.9	97.9	97.9
≥ 1000		77.4	83.6	83.6	94.2	94.9	95.9	96.6	96.6	96.8	97.7	97.9	97.9	97.9	97.9	97.9
≥ 900		77.4	83.6	83.6	94.2	94.9	96.2	97.0	97.0	97.2	98.1	98.3	98.3	98.3	98.3	98.3
≥ 800		77.4	83.6	83.6	94.2	94.9	96.2	97.0	97.0	97.2	98.1	98.3	98.3	98.3	98.3	98.3
≥ 700		77.4	83.6	83.6	94.2	95.1	96.4	97.2	97.2	97.4	98.3	98.5	98.5	98.5	98.5	98.5
≥ 600		77.4	83.6	83.6	94.2	95.1	96.4	97.2	97.2	97.4	98.3	98.5	98.5	98.5	98.5	98.5
≥ 500		77.4	83.6	83.6	94.2	95.1	96.6	97.4	97.4	97.9	98.7	98.9	98.9	98.9	98.9	98.9
≥ 400		77.4	83.6	83.6	94.2	95.1	96.6	98.1	98.1	98.5	99.4	99.6	99.8	99.8	99.8	99.8
≥ 300		77.4	83.6	83.6	94.2	95.1	96.6	98.1	98.1	98.5	99.4	99.6	99.8	99.8	99.8	99.8
≥ 200		77.4	83.6	83.6	94.2	95.1	96.6	98.1	98.1	98.5	99.4	99.6	99.8	99.8	99.8	99.8
≥ 100		77.4	83.6	83.6	94.2	95.1	96.6	98.1	98.1	98.5	99.4	99.6	99.8	99.8	99.8	99.8
≥ 0		77.4	83.6	83.6	94.2	95.1	96.6	98.1	98.1	98.5	99.4	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 469

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000		41.6	46.9	46.9	54.2	56.5	57.9	58.9	59.3	59.3	59.9	61.0	60.3	60.1	60.1	60.1
W 18000		44.7	50.8	50.8	59.4	61.8	63.5	64.8	64.9	65.3	66.1	66.2	66.2	66.3	66.3	66.3
W 16000		45.5	51.8	51.8	60.5	62.8	64.6	65.8	65.9	66.4	67.0	67.2	67.2	67.3	67.3	67.3
W 14000		45.6	51.9	51.9	60.5	62.9	64.6	65.9	66.0	66.4	67.1	67.2	67.3	67.3	67.3	67.3
W 12000		45.7	51.9	51.9	60.7	63.0	64.8	66.1	66.2	66.6	67.3	67.4	67.5	67.5	67.5	67.5
W 10000		46.3	52.7	52.7	61.6	63.9	65.7	67.1	67.2	67.7	68.4	68.5	68.6	68.6	68.6	68.6
W 9000		47.5	54.1	54.1	63.3	65.7	67.5	69.0	69.1	69.6	70.3	70.4	70.5	70.5	70.5	70.5
W 8000		48.5	55.2	55.2	64.5	66.8	68.7	70.2	70.3	70.7	71.5	71.6	71.7	71.7	71.7	71.7
W 7000		50.0	57.1	57.1	67.1	69.6	71.5	72.9	73.1	73.5	74.2	74.4	74.4	74.5	74.5	74.5
W 6000		50.8	57.9	57.9	68.0	70.5	72.4	73.9	74.0	74.4	75.2	75.3	75.4	75.4	75.4	75.4
W 5000		50.9	58.1	58.1	68.2	70.7	72.9	74.4	74.6	75.1	75.9	76.1	76.1	76.2	76.2	76.2
W 4500		51.3	58.5	58.5	69.7	71.3	73.5	75.0	75.2	75.7	76.5	76.7	76.7	76.8	76.8	76.8
W 4000		51.7	59.0	59.0	69.2	71.7	74.0	75.4	75.6	76.1	76.9	77.1	77.2	77.2	77.2	77.2
W 3500		53.7	61.1	61.1	71.4	74.0	76.2	77.7	77.9	78.4	79.2	79.4	79.4	79.5	79.5	79.5
W 3000		54.9	62.4	62.4	73.2	75.8	78.1	79.6	79.8	80.3	81.1	81.3	81.4	81.4	81.4	81.4
W 2500		58.0	66.4	66.4	73.8	81.8	84.6	86.7	87.1	87.9	89.0	89.2	89.2	89.3	89.3	89.3
W 2000		59.5	68.0	68.0	81.5	84.7	87.8	90.3	90.8	91.6	92.9	93.2	93.2	93.3	93.3	93.3
W 1800		59.9	68.6	68.6	82.6	85.7	88.9	91.8	92.3	93.3	94.8	95.2	95.3	95.3	95.4	95.4
W 1600		59.9	68.6	68.6	82.9	86.1	89.4	92.4	92.9	93.9	95.4	95.8	95.9	95.9	96.0	96.0
W 1400		60.1	68.8	68.8	83.4	86.7	90.1	93.2	93.8	94.9	96.4	96.8	96.9	96.9	97.0	97.0
W 1200		60.1	68.9	68.9	83.5	86.9	90.2	93.4	94.0	95.1	96.7	97.1	97.2	97.3	97.3	97.3
W 1000		60.1	68.9	68.9	83.7	87.0	90.5	93.8	94.5	95.6	97.1	97.5	97.7	97.7	97.8	97.8
W 900		60.1	68.9	68.9	83.7	87.2	90.8	94.1	94.8	95.9	97.4	97.9	98.0	98.1	98.1	98.1
W 800		60.1	68.9	68.9	83.7	87.2	90.9	94.2	94.9	96.1	97.6	98.1	98.2	98.3	98.3	98.3
W 700		60.1	68.9	68.9	83.7	87.3	91.0	94.4	95.1	96.3	97.9	98.5	98.6	98.7	98.7	98.7
W 600		60.1	68.9	68.9	83.8	87.5	91.3	94.7	95.4	96.7	98.3	98.9	99.0	99.1	99.1	99.1
W 500		60.1	68.9	68.9	83.8	87.5	91.3	94.8	95.6	96.9	98.5	99.1	99.2	99.3	99.3	99.3
W 400		60.1	68.9	68.9	83.8	87.5	91.3	95.0	95.9	97.2	98.8	99.4	99.6	99.6	99.7	99.7
W 300		60.1	68.9	68.9	83.8	87.5	91.3	95.0	95.9	97.2	98.8	99.4	99.6	99.6	99.7	99.7
W 200		60.1	68.9	68.9	83.8	87.5	91.3	95.0	95.9	97.2	98.9	99.5	99.7	99.8	99.8	99.8
W 100		60.1	68.9	68.9	83.8	87.5	91.3	95.0	95.9	97.2	98.9	99.5	99.7	99.8	99.9	99.9
W 0		60.1	68.9	68.9	83.8	87.5	91.3	95.0	95.9	97.2	98.9	99.5	99.7	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2027

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

4A
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		32.7	39.3	39.3	49.4	50.6	53.2	56.1	57.4	58.3	58.9	59.0	59.2	59.2	59.2	59.2
≥ 20000		36.2	43.1	43.1	54.7	55.9	58.9	62.2	63.4	64.7	65.6	65.8	66.0	66.0	66.0	66.0
≥ 18000		37.5	45.1	45.1	56.5	57.8	6.7	64.0	65.3	66.5	67.5	67.6	67.8	67.8	67.8	67.8
≥ 16000		37.5	45.1	45.1	56.5	57.8	67.7	64.0	65.3	66.5	67.5	67.6	67.8	67.8	67.8	67.8
≥ 14000		37.8	45.3	45.3	56.9	58.1	61.1	64.4	65.6	66.9	67.9	68.0	68.2	68.2	68.2	68.2
≥ 12000		38.9	46.6	46.6	53.3	59.6	62.5	65.8	67.1	68.4	69.3	69.5	69.7	69.7	69.7	69.7
≥ 10000		41.0	48.8	48.8	61.4	62.9	66.4	69.7	70.9	72.4	73.3	73.5	73.7	73.7	73.7	73.7
≥ 9000		42.2	50.1	50.1	62.7	64.5	68.6	72.0	73.3	74.8	75.9	76.1	76.4	76.4	76.4	76.4
≥ 8000		43.5	51.9	51.9	65.3	67.1	71.5	75.0	76.2	77.7	79.1	79.2	79.7	79.7	79.7	79.7
≥ 7000		43.9	52.3	52.3	66.0	68.0	72.6	76.1	77.3	79.1	80.3	80.4	81.2	81.2	81.2	81.2
≥ 6000		44.2	52.7	52.7	66.4	68.4	72.9	76.4	77.7	79.3	80.6	80.8	81.5	81.5	81.5	81.5
≥ 5000		44.6	53.0	53.0	66.7	68.7	73.3	76.8	78.1	79.7	81.0	81.2	81.9	81.9	81.9	81.9
≥ 4000		44.6	53.0	53.0	66.7	68.7	73.3	76.8	78.1	79.7	81.0	81.2	81.9	81.9	81.9	81.9
≥ 3500		45.3	53.9	53.9	67.8	69.8	74.4	78.1	79.3	81.0	82.3	82.6	83.4	83.4	83.4	83.4
≥ 3000		46.8	55.2	55.2	69.1	71.1	75.7	79.5	80.8	82.4	83.7	84.1	84.8	84.8	84.8	84.8
≥ 2500		47.3	56.5	56.5	71.1	73.5	78.6	82.6	84.1	85.7	87.1	87.4	88.5	88.5	88.5	88.5
≥ 2000		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 1800		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 1600		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 1400		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 1200		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 1000		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 900		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 800		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 700		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 600		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 500		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 400		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 300		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 200		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 100		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7
≥ 0		48.1	57.6	57.6	72.2	74.6	79.9	84.3	85.9	87.6	89.0	89.4	90.5	90.5	90.5	90.7

TOTAL NUMBER OF OBSERVATIONS 547

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43379

YONGSAN AB KO

73-80

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000		29.8	34.1	34.1	43.6	46.3	50.2	53.7	54.8	55.4	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000		35.6	40.9	40.8	51.6	54.6	59.7	63.7	65.0	65.8	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000		36.7	42.4	42.4	53.5	56.7	61.7	65.8	67.0	67.8	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000		37.2	43.0	43.0	54.2	57.3	62.3	66.4	67.7	68.4	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000		37.8	43.6	43.6	55.3	58.7	64.1	68.1	69.4	70.2	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000		40.3	46.3	46.3	58.2	61.7	67.8	71.9	73.3	74.6	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000		40.8	46.8	46.8	58.9	62.3	68.6	72.7	74.1	75.7	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000		42.7	48.7	48.7	61.7	65.1	71.4	75.7	77.1	78.8	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000		43.0	49.3	49.3	62.5	65.9	72.2	76.5	78.0	79.7	80.8	81.2	81.3	81.3	81.3	81.3
≥ 6000		43.0	49.3	49.3	62.5	65.9	72.2	76.5	78.3	80.2	81.3	81.6	81.8	81.8	81.8	81.8
≥ 5000		43.2	49.5	49.5	62.6	66.1	72.4	76.9	78.5	81.4	81.5	81.8	81.9	81.9	81.9	81.9
≥ 4500		43.5	49.8	49.8	63.0	66.4	72.7	77.2	78.8	81.7	81.8	82.1	82.3	82.3	82.3	82.3
≥ 4000		44.4	50.9	50.9	64.4	68.0	74.3	78.8	80.4	82.3	83.4	83.7	83.8	83.8	83.8	83.8
≥ 3500		45.4	51.8	51.8	65.9	69.5	75.8	80.4	82.1	84.0	85.1	85.6	85.7	85.7	85.7	85.7
≥ 3000		46.0	52.6	52.6	67.5	71.3	78.0	82.7	84.9	87.0	88.2	88.9	89.3	89.3	89.3	89.3
≥ 2500		46.6	53.2	53.2	68.1	71.9	78.8	83.5	85.7	87.9	89.2	89.8	90.3	90.3	90.3	90.3
≥ 2000		46.9	53.5	53.5	68.8	72.7	79.6	84.6	86.8	89.0	90.3	90.9	91.4	91.4	91.4	91.4
≥ 1800		47.1	53.7	53.7	69.1	73.0	80.1	85.1	87.3	89.5	90.7	91.4	91.8	91.8	91.8	91.8
≥ 1500		47.4	54.2	54.2	69.5	73.5	80.7	86.0	88.2	90.4	91.7	92.6	93.1	93.1	93.1	93.1
≥ 1200		47.6	54.3	54.3	69.9	73.9	81.5	87.1	89.5	91.7	92.9	93.9	94.3	94.3	94.3	94.3
≥ 1000		47.6	54.3	54.3	70.5	74.9	82.9	88.7	91.1	93.6	95.1	96.2	96.7	96.7	96.7	96.7
≥ 900		47.6	54.3	54.3	70.5	74.9	82.9	88.7	91.2	93.7	95.3	96.4	97.0	97.0	97.0	97.0
≥ 800		47.6	54.3	54.3	70.5	74.9	82.9	89.0	91.5	94.0	95.6	96.7	97.3	97.3	97.3	97.3
≥ 700		47.6	54.3	54.3	70.5	74.9	83.2	89.5	92.0	94.7	96.2	97.3	98.1	98.1	98.3	98.4
≥ 600		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.4	97.0	98.1	98.9	98.9	99.1	99.2
≥ 500		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.6	97.2	98.4	99.2	99.2	99.4	99.5
≥ 400		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.6	97.2	98.4	99.2	99.2	99.4	99.7
≥ 300		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.6	97.2	98.4	99.2	99.2	99.4	99.7
≥ 200		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.6	97.2	98.4	99.2	99.2	99.4	99.7
≥ 100		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.6	97.2	98.4	99.2	99.2	99.4	99.8
≥ 0		47.6	54.3	54.3	70.8	75.2	83.7	90.1	92.6	95.8	97.3	98.6	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

45279
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

MA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		42.5	45.0	45.0	49.7	50.9	51.8	52.5	52.5	52.8	52.8	52.3	52.8	52.8	52.3	52.3
≥ 20000		49.6	52.8	52.8	59.0	60.3	61.5	62.6	62.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1
≥ 18000		51.5	54.7	54.7	61.9	62.2	63.4	64.4	64.4	64.8	64.8	65.0	65.0	65.0	65.0	65.0
≥ 16000		51.6	55.0	55.0	61.2	62.6	63.8	64.8	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3
≥ 14000		52.0	55.4	55.4	61.5	62.9	64.1	65.1	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6
≥ 12000		52.5	56.2	56.2	63.1	64.4	65.6	66.8	66.8	67.2	67.2	67.4	67.4	67.4	67.4	67.4
≥ 10000		55.0	59.1	59.1	66.8	68.4	69.7	70.9	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5
≥ 9000		56.6	60.7	60.7	68.7	70.3	71.6	72.8	73.7	73.3	73.3	73.5	73.5	73.5	73.5	73.5
≥ 8000		59.3	63.9	63.9	72.3	74.0	75.6	76.8	76.9	77.6	77.6	77.8	77.8	77.8	77.8	77.8
≥ 7000		59.5	64.1	64.1	72.5	74.2	75.7	76.9	77.1	77.9	77.9	78.1	78.1	78.1	78.1	78.1
≥ 6000		59.5	64.1	64.1	72.5	74.2	75.7	76.9	77.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3
≥ 5000		59.5	64.1	64.1	72.5	74.2	75.7	76.9	77.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5
≥ 4500		59.5	64.1	64.1	72.5	74.2	75.7	76.9	77.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5
≥ 4000		61.2	65.0	66.0	74.5	76.2	77.8	79.0	79.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3
≥ 3500		63.1	67.9	67.9	76.4	78.1	79.7	80.9	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.2
≥ 3000		66.8	71.8	71.8	80.9	82.6	84.1	85.3	85.6	86.8	87.7	87.2	87.2	87.2	87.2	87.2
≥ 2500		69.7	75.7	75.7	84.6	86.3	88.2	89.4	89.7	91.1	91.3	91.5	91.5	91.5	91.5	91.5
≥ 2000		69.9	75.7	75.7	86.3	88.2	90.3	91.6	92.0	93.3	93.5	93.7	93.7	93.7	93.7	93.7
≥ 1800		70.1	76.2	76.2	87.0	88.9	91.3	92.6	93.7	94.4	94.5	94.7	94.7	94.7	94.7	94.7
≥ 1500		70.3	76.6	76.6	87.7	89.7	92.5	94.4	94.7	96.1	96.2	96.4	96.9	96.9	96.9	96.9
≥ 1200		70.3	76.6	76.6	88.0	90.3	93.3	95.2	95.6	96.9	97.3	97.4	97.9	97.9	97.9	97.9
≥ 1000		70.4	76.8	76.8	88.4	90.6	93.8	96.1	96.9	98.3	98.6	98.8	99.3	99.3	99.3	99.3
≥ 900		70.4	76.8	76.8	88.4	90.6	94.0	96.2	97.1	98.5	98.8	99.0	99.5	99.5	99.5	99.5
≥ 800		70.4	76.8	76.8	88.5	90.8	94.2	96.4	97.3	98.6	99.0	99.1	99.7	99.7	99.7	99.7
≥ 700		70.4	76.8	76.8	88.5	90.8	94.2	96.4	97.3	98.6	99.0	99.1	99.7	99.7	99.7	99.7
≥ 600		70.4	76.8	76.8	88.5	90.8	94.2	96.4	97.3	98.6	99.0	99.1	99.7	99.7	99.7	99.7
≥ 500		70.4	76.8	76.8	88.5	90.8	94.2	96.4	97.3	98.6	99.0	99.1	99.7	99.7	99.7	99.7
≥ 400		70.4	76.8	76.8	88.7	90.9	94.4	96.6	97.6	99.0	99.3	99.5	100.0	100.0	100.0	100.0
≥ 300		70.4	76.8	76.8	88.7	90.9	94.4	96.6	97.6	99.0	99.3	99.5	100.0	100.0	100.0	100.0
≥ 200		70.4	76.8	76.8	88.7	90.9	94.4	96.6	97.6	99.0	99.3	99.5	100.0	100.0	100.0	100.0
≥ 100		70.4	76.8	76.8	88.7	90.9	94.4	96.6	97.6	99.0	99.3	99.5	100.0	100.0	100.0	100.0
≥ 0		70.4	76.8	76.8	88.7	90.9	94.4	96.6	97.6	99.0	99.3	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4779
STATION

YONGSAN AR KO
STATION NAME

73-80
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	45.8	47.7	47.7	49.7	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000 ≥ 6000	55.9	58.3	58.3	60.8	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000 ≥ 12000	59.1	61.9	61.9	64.0	65.7	65.9	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000 ≥ 9000	59.3	61.9	61.9	64.5	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000 ≥ 7000	62.3	65.3	65.3	67.9	69.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000 ≥ 5000	62.9	66.4	66.4	69.8	71.5	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500 ≥ 4000	66.2	70.7	70.7	73.5	75.2	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500 ≥ 3000	66.6	70.4	70.4	74.3	76.0	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500 ≥ 2000	66.6	70.4	70.4	74.5	76.2	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500 ≥ 1000	68.3	72.0	72.0	76.2	77.9	78.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 800 ≥ 600	70.0	73.7	73.7	78.4	80.3	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 400 ≥ 200	76.7	80.9	80.9	86.5	88.4	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 100 ≥ 0	79.0	82.4	82.4	88.4	90.8	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 10000 ≥ 9000	79.2	83.7	83.7	89.9	92.3	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 8000 ≥ 7000	79.5	84.4	84.4	90.6	93.1	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 6000 ≥ 5000	79.7	84.6	84.6	91.0	93.4	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500 ≥ 4000	80.1	85.1	85.1	91.4	93.8	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500 ≥ 3000	80.1	85.2	85.2	91.9	94.4	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500 ≥ 2000	80.1	85.2	85.2	92.9	95.3	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500 ≥ 1000	80.3	85.4	85.4	93.1	95.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800 ≥ 600	80.3	85.4	85.4	93.2	95.7	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400 ≥ 200	80.3	85.4	85.4	93.6	96.2	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100 ≥ 0	80.3	85.4	85.4	93.6	96.2	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43079
STATION

YONGSAN A3 KO
STATION NAME

73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 2000		37.4	41.2	41.2	47.8	49.4	51.3	53.2	53.4	54.3	54.5	54.6	54.6	54.6	54.6	54.6
≥ 1800 ≥ 1600		44.0	42.5	46.5	56.3	58.2	60.6	62.9	63.5	64.1	64.5	64.6	64.6	64.6	64.6	64.6
≥ 1400 ≥ 1200		45.7	50.4	50.4	58.4	60.3	62.7	64.9	65.6	66.2	66.6	66.6	66.7	66.7	66.7	66.7
≥ 1000 ≥ 900		45.9	50.7	50.7	58.6	60.5	62.9	65.2	65.8	66.4	66.8	66.9	66.9	66.9	66.9	66.9
≥ 800 ≥ 700		46.2	51.1	51.1	59.1	61.0	63.4	65.6	66.3	66.9	67.2	67.3	67.4	67.4	67.4	67.4
≥ 600 ≥ 500		47.0	52.0	52.0	60.4	62.3	64.9	67.2	67.8	68.4	68.8	68.9	68.9	68.9	68.9	68.9
≥ 450 ≥ 400		49.3	54.6	54.6	63.4	65.5	68.4	70.7	71.4	72.2	72.5	72.6	72.7	72.7	72.7	72.7
≥ 300 ≥ 200		50.1	55.6	55.6	64.8	67.0	70.1	72.5	73.2	74.1	74.5	74.6	74.7	74.7	74.7	74.7
≥ 150 ≥ 100		52.6	58.3	58.3	69.0	70.2	73.4	75.8	76.6	77.6	78.1	78.2	78.4	78.4	78.4	78.4
≥ 75 ≥ 50		52.9	53.6	58.6	68.5	70.8	74.0	76.5	77.2	78.3	78.9	79.1	79.3	79.3	79.3	79.3
≥ 25 ≥ 15		53.0	58.7	58.7	68.7	70.9	74.2	76.7	77.5	78.7	79.3	79.5	79.7	79.7	79.7	79.7
≥ 10 ≥ 5		53.1	58.9	58.9	68.9	71.2	74.4	76.9	77.7	78.9	79.5	79.7	79.9	79.9	79.9	79.9
≥ 3 ≥ 1		53.2	58.9	58.9	69.7	71.2	74.5	77.3	77.8	79.1	79.6	79.8	80.0	80.0	80.0	80.0
≥ 0.5		54.4	60.3	60.3	70.5	72.8	76.1	78.7	79.5	80.6	81.2	81.5	81.7	81.7	81.7	81.7
≥ 0.25		55.9	61.8	61.8	72.2	74.6	77.9	80.5	81.4	82.5	83.1	83.4	83.6	83.6	83.6	83.6
≥ 0.125		58.7	64.9	64.9	76.2	78.6	82.3	85.0	86.1	87.3	88.0	88.3	88.7	88.7	88.7	88.7
≥ 0.0625		60.1	66.6	66.6	78.0	80.6	84.4	87.3	88.4	89.7	90.4	90.7	91.1	91.1	91.1	91.2
≥ 0.03125		60.5	67.2	67.2	79.1	81.8	85.8	88.8	89.9	91.3	92.0	92.3	92.7	92.8	92.8	92.9
≥ 0.015625		60.7	67.5	67.5	79.5	82.2	86.4	89.4	90.5	91.9	92.6	92.9	93.3	93.4	93.4	93.5
≥ 0.0078125		60.9	67.8	67.8	80.0	82.8	87.2	90.4	91.5	93.0	93.7	94.1	94.7	94.8	94.8	94.9
≥ 0.00390625		61.2	68.2	68.2	80.5	83.4	88.1	91.5	92.7	94.1	94.9	95.3	95.9	96.0	96.0	96.0
≥ 0.001953125		61.3	68.3	68.3	81.0	84.0	89.0	92.6	93.9	95.5	96.4	96.8	97.4	97.5	97.5	97.5
≥ 0.0009765625		61.3	68.3	68.3	81.2	84.2	89.3	92.9	94.3	95.8	96.7	97.1	97.7	97.9	97.9	98.0
≥ 0.00048828125		61.3	68.4	68.4	81.3	84.3	89.4	93.1	94.4	96.0	96.9	97.4	98.0	98.1	98.1	98.3
≥ 0.000244140625		61.3	68.4	68.4	81.4	84.3	89.7	93.6	95.1	96.6	97.6	98.1	98.7	98.9	98.9	99.1
≥ 0.0001220703125		61.3	68.4	68.4	81.6	84.6	90.0	94.0	95.4	97.1	98.2	98.8	99.4	99.6	99.6	99.8
≥ 0.00006103515625		61.3	68.4	68.4	81.6	84.6	90.1	94.0	95.4	97.2	98.3	98.8	99.5	99.6	99.7	99.9
≥ 0.000030517578125		61.3	68.4	68.4	81.6	84.6	90.1	94.0	95.4	97.2	98.3	98.9	99.5	99.7	99.7	99.9
≥ 0.0000152587890625		61.3	68.4	68.4	81.6	84.6	90.1	94.0	95.4	97.2	98.3	98.9	99.5	99.7	99.7	100.0
≥ 0.00000762939453125		61.3	68.4	68.4	81.6	84.6	90.1	94.0	95.4	97.2	98.3	98.9	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2302

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43-172
STATION

YONGSAN AB KO

STATION NAME

73-80

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0607-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000		23.7	38.5	38.5	47.3	46.9	50.9	52.6	53.1	53.9	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000		33.3	43.2	43.2	51.2	51.3	57.7	59.8	60.8	62.5	63.0	63.0	63.0	63.4	63.4	63.4
≥ 16000		38.5	43.6	43.6	51.8	54.1	58.5	60.6	61.5	63.2	63.8	63.8	63.8	64.2	64.2	64.2
≥ 14000		33.7	43.8	43.8	52.7	54.3	58.7	60.8	61.7	63.4	64.0	64.0	64.0	64.4	64.4	64.4
≥ 12000		39.4	44.6	44.6	52.8	55.3	59.4	61.5	62.5	64.2	64.8	64.8	64.8	65.1	65.1	65.1
≥ 10000		40.6	45.7	45.7	53.9	56.2	60.6	62.7	63.6	65.3	65.9	65.9	65.9	66.3	66.3	66.3
≥ 8000		42.5	47.8	47.8	56.6	58.9	63.6	65.9	66.9	68.6	69.1	69.1	69.1	69.5	69.5	69.5
≥ 6000		44.0	49.3	49.3	58.5	60.8	65.5	67.8	68.8	70.5	71.0	71.0	71.0	71.4	71.4	71.4
≥ 4000		46.5	52.0	52.0	61.3	63.6	68.4	70.7	71.6	73.3	73.9	73.9	73.9	74.3	74.3	74.3
≥ 3000		47.4	53.0	53.0	63.2	65.5	70.5	72.8	73.7	75.4	76.0	76.0	76.0	76.4	76.4	76.4
≥ 2000		47.4	53.0	53.0	63.2	65.5	70.5	72.8	73.7	75.4	76.0	76.0	76.0	76.4	76.4	76.4
≥ 1800		47.6	53.1	53.1	63.4	65.9	70.9	73.1	74.1	75.8	76.4	76.4	76.4	76.8	76.8	76.8
≥ 1600		48.0	53.5	53.5	63.8	66.3	71.2	73.5	74.5	76.2	76.8	76.8	76.8	77.1	77.1	77.1
≥ 1400		48.2	53.7	53.7	64.2	66.9	71.8	74.1	75.0	76.8	77.3	77.3	77.3	77.7	77.7	77.7
≥ 1200		49.7	55.2	55.2	65.7	68.4	73.5	75.8	76.8	78.5	79.0	79.0	79.0	79.4	79.4	79.4
≥ 1000		50.8	56.3	56.3	70.1	73.3	78.7	81.0	81.9	83.6	84.2	84.2	84.2	84.6	84.6	84.6
≥ 800		55.6	61.1	61.1	73.1	76.6	82.3	84.8	85.7	87.4	88.0	88.0	88.0	88.4	88.4	88.4
≥ 600		57.0	62.7	62.7	75.2	78.7	84.8	87.2	88.2	89.9	90.5	90.5	90.5	90.9	90.9	90.9
≥ 400		57.3	63.2	63.2	75.8	79.2	85.5	88.0	89.0	90.7	91.2	91.2	91.2	91.6	91.6	91.6
≥ 300		58.1	64.6	64.6	77.9	81.3	88.2	90.9	91.8	93.5	94.1	94.1	94.1	94.5	94.5	94.5
≥ 200		58.3	64.8	64.8	78.5	82.1	89.0	92.0	93.0	94.7	95.2	95.2	95.2	95.6	95.6	95.6
≥ 100		58.5	65.3	65.3	79.0	83.0	89.9	93.1	94.1	95.8	96.6	96.6	96.6	97.0	97.0	97.0
≥ 80		58.5	65.3	65.3	79.2	83.2	90.1	93.5	94.5	96.2	97.0	97.0	97.0	97.3	97.3	97.3
≥ 60		58.5	65.3	65.3	79.2	83.2	90.1	93.7	94.7	96.4	97.3	97.3	97.3	97.7	97.7	97.7
≥ 40		58.5	65.3	65.3	79.2	83.2	90.1	93.7	94.7	96.4	97.5	97.5	97.5	97.9	97.9	97.9
≥ 30		58.5	65.3	65.3	79.4	83.4	90.3	94.3	95.2	97.0	98.1	98.1	98.1	98.5	98.5	98.5
≥ 20		58.5	65.3	65.3	79.4	83.4	90.3	94.3	95.2	97.0	98.3	98.3	98.3	98.7	98.7	98.7
≥ 10		58.5	65.3	65.3	79.4	83.4	90.3	94.3	95.2	97.0	98.5	98.5	98.5	98.9	98.9	98.9
≥ 0		58.5	65.3	65.3	79.4	83.4	90.3	94.3	95.2	97.0	98.5	98.5	98.5	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43074
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO FERRING		39.4	43.4	43.6	49.3	50.5	52.3	53.6	53.9	54.4	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000		43.3	42.5	42.5	56.0	57.7	59.8	62.1	62.4	63.2	63.7	63.7	63.7	63.7	63.7	63.8
≥ 18000		43.8	50.2	50.2	57.0	58.6	60.7	63.0	63.4	64.2	64.7	64.7	64.7	64.7	64.7	64.8
≥ 16000		43.8	50.2	50.2	57.0	58.6	60.7	63.0	63.4	64.2	64.7	64.7	64.7	64.7	64.7	64.8
≥ 14000		43.8	50.2	50.2	57.0	58.6	60.7	63.0	63.4	64.2	64.7	64.7	64.7	64.7	64.7	64.8
≥ 12000		44.8	51.0	51.0	58.0	59.6	61.7	64.0	64.3	65.1	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000		45.9	52.9	52.9	60.6	62.2	64.5	66.9	67.3	68.1	68.6	68.6	68.6	68.6	68.6	68.7
≥ 9000		46.9	54.1	54.1	61.7	63.4	65.6	68.1	68.4	69.2	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000		48.2	55.4	55.4	63.4	65.0	67.3	69.9	70.2	71.0	71.5	71.5	71.5	71.5	71.5	71.7
≥ 7000		48.9	56.0	56.0	64.0	65.6	67.9	70.5	70.8	71.7	72.1	72.1	72.1	72.1	72.1	72.3
≥ 6000		48.9	56.0	56.0	64.2	65.8	68.1	70.7	71.0	71.8	72.3	72.3	72.3	72.3	72.3	72.5
≥ 5000		49.2	56.4	56.4	64.5	66.1	68.4	71.0	71.3	72.1	72.6	72.6	72.6	72.6	72.6	72.8
≥ 4500		49.2	56.4	56.4	64.5	66.1	68.4	71.0	71.3	72.1	72.6	72.6	72.6	72.6	72.6	72.8
≥ 4000		50.0	57.2	57.2	65.3	67.3	69.5	72.1	72.5	73.3	73.8	73.8	73.8	73.8	73.8	73.9
≥ 3500		53.1	60.4	60.4	69.2	71.2	73.5	76.1	76.4	77.4	77.9	77.9	77.9	77.9	77.9	78.0
≥ 3000		56.4	64.2	64.2	74.4	76.4	79.3	81.9	82.2	83.2	83.7	83.7	83.7	83.7	83.7	83.9
≥ 2500		59.1	67.1	67.1	78.0	80.0	83.2	86.0	86.3	87.3	87.8	87.8	87.8	87.8	87.8	87.9
≥ 2000		61.1	69.1	69.1	80.3	82.4	85.8	88.9	89.3	90.4	90.9	90.9	90.9	90.9	90.9	91.0
≥ 1800		61.4	69.4	69.4	80.9	82.9	86.3	89.4	89.7	90.9	91.4	91.4	91.4	91.4	91.4	91.5
≥ 1500		61.7	69.7	69.7	81.3	83.4	87.1	90.2	90.6	91.9	92.5	92.7	92.7	92.7	92.7	92.8
≥ 1200		62.7	70.7	70.7	82.7	85.2	89.3	92.5	92.8	94.1	94.8	95.0	95.0	95.0	95.0	95.1
≥ 1000		62.7	70.8	70.8	82.9	85.3	89.6	93.0	93.3	94.6	95.3	95.4	95.4	95.4	95.4	95.6
≥ 900		62.7	71.0	71.0	83.1	85.5	89.7	93.2	93.5	94.8	95.4	95.6	95.6	95.6	95.6	95.8
≥ 800		62.7	71.0	71.0	83.2	85.7	89.9	94.5	94.8	96.1	97.4	97.6	97.6	97.6	97.6	97.7
≥ 700		62.7	71.0	71.0	83.2	85.7	89.9	95.0	95.3	96.7	98.0	98.4	98.4	98.4	98.5	98.7
≥ 600		62.7	71.0	71.0	83.2	85.7	89.9	95.1	95.4	97.1	98.4	98.7	98.7	98.7	98.9	99.0
≥ 500		62.7	71.0	71.0	83.2	85.8	90.4	95.6	95.9	97.6	98.9	99.2	99.2	99.2	99.3	99.5
≥ 400		62.7	71.0	71.0	83.2	85.8	90.4	95.8	96.1	97.7	99.0	99.3	99.3	99.3	99.5	99.8
≥ 300		62.7	71.0	71.0	83.2	85.8	90.4	95.8	96.1	97.7	99.0	99.3	99.3	99.3	99.5	99.8
≥ 200		62.7	71.0	71.0	83.2	85.8	90.4	95.8	96.1	97.7	99.0	99.3	99.3	99.3	99.5	99.8
≥ 100		62.7	71.0	71.0	83.4	86.0	90.6	95.9	96.3	97.9	99.2	99.5	99.5	99.5	99.7	100.0
≥ 0		62.7	71.0	71.0	83.4	86.0	90.6	95.9	96.3	97.9	99.2	99.5	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 614

CENTRAL CLIMATOLOGY BRANCH
 DRAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4779
 STATION

YONGSAN AB KO
 STATION NAME

73-811
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO. OF HOURS ≥ 20000	48.3	50.6	50.6	53.5	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	56.7	62.7	62.7	64.3	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	58.6	62.7	62.7	66.3	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	59.3	62.9	62.9	67.1	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	62.2	63.9	63.9	68.2	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	62.3	66.1	66.1	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	62.9	66.3	66.3	71.6	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	64.7	68.9	68.9	74.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	65.4	69.6	69.6	75.0	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	65.4	69.6	69.6	75.0	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	67.7	71.6	71.6	76.9	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	67.3	71.6	71.6	77.1	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	67.7	72.1	72.1	77.6	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	68.4	72.3	72.3	78.3	78.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	72.8	77.6	77.6	83.7	84.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	74.8	79.6	79.6	86.9	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	76.4	81.3	81.3	89.3	89.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	76.6	81.5	81.5	89.7	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	76.7	81.9	81.9	90.9	91.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	76.7	81.9	81.9	90.9	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	76.7	82.1	82.1	91.1	92.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	76.7	82.1	82.1	91.1	92.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	76.7	82.1	82.1	91.1	92.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	76.7	82.2	82.2	91.3	93.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	76.7	82.2	82.2	91.3	93.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	76.7	82.2	82.2	91.3	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	76.7	82.2	82.2	91.3	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300	76.7	82.2	82.2	91.3	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 200	76.7	82.2	82.2	91.3	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 100	76.7	82.2	82.2	91.3	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 0	76.7	82.2	82.2	91.3	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 563

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43-73
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

4P
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-1
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO RECORD		54.7	55.7	55.7	57.6	57.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 2000		53.8	64.7	64.9	67.2	67.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1800		64.9	66.1	66.1	68.6	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1600		64.9	66.1	66.1	68.6	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1400		64.9	66.1	66.1	68.6	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1200		65.9	67.1	67.1	69.6	70.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1000		69.4	70.5	70.5	73.0	73.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 900		70.1	71.3	71.3	74.2	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 800		73.2	74.4	74.8	78.0	78.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700		74.2	75.7	75.7	79.0	79.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 600		74.2	76.3	76.3	79.6	80.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 500		75.3	77.6	77.6	80.9	81.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 450		75.7	78.0	78.0	81.3	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 400		75.9	78.3	78.3	81.5	82.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 350		76.3	78.6	78.6	81.9	82.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 300		80.9	83.0	83.0	86.9	87.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500		91.7	84.2	84.2	88.6	89.6	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000		93.9	86.5	86.5	91.5	92.5	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800		94.4	87.1	87.1	92.3	93.3	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1600		94.4	87.1	87.1	92.3	93.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1400		94.4	87.1	87.1	92.3	93.6	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		94.4	87.1	87.1	92.3	93.6	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000		94.6	87.3	87.3	92.7	94.0	96.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		94.6	87.3	87.3	92.7	94.0	96.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		94.6	87.3	87.3	92.7	94.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.6	87.3	87.3	93.3	95.0	97.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 112

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47274
STATION

YONGSAN AB KC

STATION NAME

73-80

YEARS

AF -

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING		43.9	47.1	47.1	51.4	52.2	53.9	54.7	54.9	55.2	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000		50.7	54.3	54.3	59.6	62.8	62.9	64.0	64.3	65.2	65.2	65.2	65.2	65.2	65.3	65.4
≥ 18000		51.2	55.3	55.3	60.8	62.1	64.2	65.3	65.6	66.2	66.5	66.5	66.5	66.6	66.6	66.6
≥ 16000		51.3	55.4	55.4	60.9	62.1	64.2	65.3	65.6	66.3	66.5	66.5	66.5	66.6	66.6	66.7
≥ 14000		51.6	55.8	55.8	61.3	62.6	64.7	65.8	66.1	66.7	67.0	67.0	67.0	67.1	67.1	67.1
≥ 12000		52.6	56.8	56.8	62.3	63.6	65.6	66.8	67.1	67.7	68.0	68.0	68.0	68.1	68.1	68.1
≥ 10000		54.3	59.2	59.2	65.1	66.3	68.5	69.7	70.1	70.7	71.0	71.0	71.0	71.1	71.1	71.1
≥ 9000		55.7	60.3	60.3	66.4	67.6	69.8	71.0	71.4	72.0	72.3	72.3	72.3	72.4	72.4	72.4
≥ 8000		57.8	62.5	62.5	69.0	70.3	72.5	73.8	74.1	74.7	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000		58.6	63.3	63.3	70.1	71.4	73.7	74.9	75.2	75.9	76.1	76.1	76.1	76.2	76.2	76.3
≥ 6000		58.6	63.5	63.5	70.3	71.5	73.8	75.1	75.4	76.0	76.3	76.3	76.3	76.4	76.4	76.5
≥ 5000		59.5	64.4	64.4	71.2	72.5	74.8	76.1	76.4	77.1	77.3	77.3	77.3	77.4	77.4	77.4
≥ 4500		59.7	64.7	64.7	71.5	72.8	75.1	76.3	76.6	77.3	77.5	77.5	77.5	77.6	77.6	77.7
≥ 4000		60.0	65.1	65.1	71.9	73.4	75.7	76.9	77.3	77.9	78.2	78.2	78.2	78.3	78.3	78.3
≥ 3500		61.6	66.6	66.6	73.7	75.1	77.4	78.7	79.0	79.7	80.0	80.0	80.0	80.1	80.1	80.1
≥ 3000		65.3	70.6	70.6	78.7	80.3	82.9	84.2	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.6
≥ 2500		67.5	72.9	72.9	81.6	83.3	86.2	87.6	87.9	88.6	88.8	88.8	88.8	88.9	88.9	89.0
≥ 2000		69.3	74.7	74.7	84.0	85.8	88.9	90.4	90.7	91.6	91.9	91.9	91.9	91.9	91.9	92.0
≥ 1800		69.7	75.1	75.1	84.6	86.3	89.5	91.1	91.4	92.3	92.6	92.6	92.6	92.7	92.7	92.7
≥ 1500		70.0	75.6	75.6	85.5	87.4	90.9	92.7	93.1	93.9	94.2	94.3	94.3	94.4	94.4	94.5
≥ 1200		70.3	76.0	76.0	86.0	88.2	92.1	94.1	94.5	95.4	95.7	95.8	95.8	95.9	95.9	95.9
≥ 1000		70.4	76.2	76.2	86.4	88.6	92.6	94.8	95.3	96.3	96.6	96.7	96.7	96.8	96.8	96.8
≥ 900		70.4	76.3	76.3	86.4	88.8	92.8	95.0	95.5	96.5	96.8	96.9	96.9	97.0	97.0	97.1
≥ 800		70.4	76.3	76.3	86.5	88.9	93.0	95.7	96.2	97.1	97.7	97.8	97.8	97.9	97.9	98.0
≥ 700		70.4	76.3	76.3	86.7	89.1	93.2	96.2	96.8	97.9	98.6	98.7	98.7	98.9	98.9	99.0
≥ 600		70.4	76.3	76.3	86.7	89.2	93.3	96.4	97.0	98.2	98.8	99.0	99.0	99.2	99.2	99.2
≥ 500		70.4	76.3	76.3	86.7	89.3	93.5	96.6	97.3	98.4	99.1	99.3	99.4	99.5	99.5	99.6
≥ 400		70.4	76.3	76.3	86.7	89.3	93.5	96.7	97.3	98.5	99.2	99.4	99.5	99.6	99.7	99.7
≥ 300		70.4	76.3	76.3	86.7	89.3	93.5	96.7	97.3	98.5	99.2	99.5	99.5	99.7	99.8	99.8
≥ 200		70.4	76.3	76.3	86.8	89.3	93.5	96.7	97.3	98.5	99.3	99.5	99.5	99.7	99.9	99.9
≥ 100		70.4	76.3	76.3	86.8	89.3	93.5	96.7	97.3	98.5	99.3	99.5	99.5	99.7	99.9	99.9
≥ 0		70.4	76.3	76.3	86.8	89.3	93.5	96.7	97.3	98.5	99.3	99.5	99.5	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2221

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4479
STATION

YONGSAN AB KC

STATION NAME

73-80

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1800
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2.0
NO RECORD		33.1	34.1	34.1	45.8	48.3	50.2	52.3	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000		34.2	45.1	45.1	56.3	58.3	61.0	63.8	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000		40.2	46.0	46.0	57.2	59.3	62.1	65.0	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000		40.2	46.0	46.0	57.2	59.3	62.1	65.0	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000		40.7	46.0	46.0	58.7	60.0	62.9	65.7	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000		41.3	47.3	47.3	58.9	61.3	63.8	66.7	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000		43.0	49.6	49.6	61.9	64.2	67.6	70.5	70.6	70.8	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000		44.3	50.9	50.9	63.4	65.7	69.3	72.2	72.3	72.5	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000		45.5	52.3	52.3	65.2	67.8	71.8	74.6	74.8	75.0	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000		45.8	52.8	52.8	65.7	68.4	72.3	75.2	75.4	75.6	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500		46.2	53.2	53.2	66.3	68.9	73.1	75.9	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000		47.2	54.2	54.2	67.2	69.9	74.1	76.9	77.1	77.3	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500		49.2	56.4	56.4	69.5	72.2	76.3	79.4	79.5	79.9	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000		49.8	57.2	57.2	70.6	73.5	77.7	80.7	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500		51.1	58.9	58.9	72.7	75.8	79.9	83.1	83.5	83.9	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000		51.3	59.3	59.3	73.9	76.9	81.3	84.7	85.0	85.4	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800		51.7	59.8	59.8	74.8	77.8	82.2	86.0	86.4	86.7	87.3	87.5	87.5	87.5	87.5	87.5
≥ 1500		51.7	60.2	60.2	75.6	78.6	83.0	86.7	87.1	87.5	88.1	88.3	88.3	88.3	88.3	88.3
≥ 1200		51.9	60.6	60.6	76.1	79.4	83.7	87.7	88.1	88.4	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000		52.3	61.2	61.2	76.5	80.1	84.8	89.2	89.6	90.0	90.5	90.7	90.7	90.7	90.7	90.7
≥ 900		52.3	61.2	61.2	77.1	81.1	86.0	90.9	91.9	92.2	92.8	93.0	93.0	93.0	93.0	93.0
≥ 800		52.7	61.6	61.6	77.5	81.8	86.9	91.9	92.8	93.6	94.1	94.3	94.3	94.3	94.3	94.3
≥ 700		52.7	61.6	61.6	77.7	82.4	87.5	92.6	93.6	94.3	94.9	95.1	95.1	95.1	95.1	95.1
≥ 600		52.7	61.6	61.6	77.8	82.6	87.7	93.0	94.1	94.9	95.6	95.8	96.0	96.0	96.0	96.0
≥ 500		52.7	61.6	61.6	77.8	82.6	88.3	93.9	95.1	96.0	97.5	97.7	97.9	98.3	98.3	98.3
≥ 400		52.7	61.6	61.6	78.2	83.0	88.6	94.5	95.6	96.8	98.3	98.5	98.7	99.1	99.4	99.4
≥ 300		52.7	61.6	61.6	78.2	83.0	88.6	94.7	95.8	97.0	98.5	98.7	98.9	99.2	99.6	99.6
≥ 200		52.7	61.6	61.6	78.2	83.0	88.6	94.7	95.8	97.0	98.5	98.7	98.9	99.4	100.0	100.0
≥ 100		52.7	61.6	61.6	78.2	83.0	88.6	94.7	95.8	97.0	98.5	98.7	98.9	99.4	100.0	100.0
≥ 0		52.7	61.6	61.6	78.2	83.0	88.6	94.7	95.8	97.0	98.5	98.7	98.9	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 523

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

42L79
STATION

YONGSAN AB KO
STATION NAME

73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		35.7	41.2	40.2	49.6	51.4	54.8	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000		42.1	42.3	48.3	59.3	62.1	65.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000		42.6	48.8	48.8	59.8	62.6	66.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000		42.6	48.9	48.9	60.0	62.7	66.5	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000		43.4	49.8	49.8	60.8	63.5	67.3	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000		44.2	50.7	50.7	61.9	64.7	68.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000		46.2	52.7	52.7	64.5	67.7	71.5	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000		47.2	54.0	54.0	66.5	69.7	73.4	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000		48.0	54.9	54.8	68.2	72.1	76.0	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000		48.6	55.6	55.6	69.5	73.4	77.3	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000		48.6	55.6	55.6	69.5	73.6	77.5	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000		46.9	56.1	56.1	70.0	74.1	78.0	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500		49.8	57.1	57.1	71.0	75.0	78.9	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000		51.7	59.5	59.5	73.4	77.6	81.5	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500		52.7	60.5	60.5	74.4	78.6	82.5	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000		56.1	64.3	64.3	78.9	83.5	87.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500		56.7	65.0	65.0	79.7	84.3	88.3	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000		57.2	65.5	65.5	80.9	85.4	89.6	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800		57.2	65.5	65.5	80.9	85.4	89.6	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		57.4	65.6	65.6	81.4	86.1	90.4	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200		57.4	65.6	65.6	81.7	86.5	91.1	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000		57.4	65.6	65.6	82.5	87.7	92.5	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900		57.5	65.8	65.8	82.7	87.8	93.0	95.1	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800		57.5	66.0	66.0	83.0	88.3	93.7	95.8	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700		57.5	66.0	66.0	83.0	88.3	94.3	96.4	96.8	97.1	97.4	97.7	97.7	97.7	97.7	97.7
≥ 600		57.7	66.1	66.1	83.1	88.5	94.5	97.1	97.4	97.9	98.2	98.7	98.7	98.7	98.7	98.7
≥ 500		57.7	66.1	66.1	83.1	88.5	94.7	97.4	97.7	98.2	98.7	99.4	99.5	99.5	99.5	99.5
≥ 400		57.7	66.1	66.1	83.1	88.5	94.8	97.6	97.9	98.4	98.9	99.5	99.7	99.7	99.7	99.7
≥ 300		57.7	66.1	66.1	83.1	88.5	94.8	97.6	98.1	98.5	99.0	99.7	99.8	99.8	99.8	99.8
≥ 200		57.7	66.1	66.1	83.1	88.5	94.8	97.6	98.1	98.5	99.0	99.7	99.8	99.8	99.8	99.8
≥ 100		57.7	66.1	66.1	83.1	88.5	94.8	97.6	98.1	98.5	99.0	99.7	99.8	99.8	99.8	99.8
≥ 0		57.7	66.1	66.1	83.1	88.5	94.8	97.6	98.1	98.5	99.0	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 617

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

41279
STATION

YONGSAN AB KO
STATION NAME

73-87
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥20000		47.8	49.4	49.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥18000		61.4	61.5	63.5	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥16000		62.1	64.2	64.2	71.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥14000		62.3	64.4	64.4	70.2	71.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥12000		64.0	66.1	66.1	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥10000		65.3	67.4	67.4	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥8000		67.7	70.4	70.4	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥7000		67.9	70.5	70.5	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥6000		68.8	71.8	71.8	78.1	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥5000		69.5	72.7	72.7	79.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥4500		69.5	72.7	72.7	79.2	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥4000		71.4	73.5	73.5	81.1	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥3500		72.0	75.3	75.3	81.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥3000		74.8	78.3	78.3	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥2500		79.5	82.7	82.7	89.9	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥2000		78.8	83.1	83.1	90.7	91.0	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥1800		79.7	84.0	84.0	91.5	91.9	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥1600		80.7	84.3	84.3	91.9	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥1400		80.7	84.5	84.5	92.6	92.9	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥1200		80.4	84.8	84.8	93.3	93.7	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1000		80.6	85.0	85.0	93.7	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥900		80.6	85.0	85.0	93.7	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥800		80.6	85.2	85.2	94.0	94.7	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥700		80.6	85.2	85.2	94.4	95.1	96.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥600		80.6	85.2	85.2	94.4	95.1	96.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥500		80.6	85.2	85.2	94.4	95.2	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥400		80.6	85.2	85.2	94.4	95.2	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥300		80.6	85.2	85.2	94.4	95.2	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥200		80.6	85.2	85.2	94.4	95.2	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥100		80.6	85.2	85.2	94.4	95.2	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0		80.6	85.2	85.2	94.4	95.2	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 567

GLOBAL CLIMATOLOGY BRANCH
ETAC
AFW WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47279 YONGSAN AB KO

73-80

YAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
≥20000	55.9	57.6	57.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥18000	68.9	70.8	70.8	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥16000	70.2	72.1	72.1	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥14000	70.8	72.7	72.7	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥12000	72.9	74.8	74.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥10000	74.6	76.5	76.5	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥9000	75.0	76.9	76.9	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥8000	76.5	78.6	78.6	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥7000	77.1	79.2	79.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥6000	77.5	79.6	79.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥5000	77.5	79.6	79.6	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥4500	77.7	79.8	79.8	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥4000	79.6	81.9	81.9	85.1	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥3500	81.3	84.4	84.4	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥3000	82.6	85.7	85.7	89.1	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥2500	83.0	86.3	86.3	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥2000	83.6	87.1	87.1	91.8	92.4	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥1800	83.8	87.2	87.2	92.0	92.6	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥1500	83.8	87.2	87.2	92.0	92.7	93.7	94.5	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1200	83.8	87.2	87.2	92.0	92.7	93.7	94.5	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1000	84.2	87.6	87.6	93.1	94.3	95.2	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥900	84.4	87.8	87.8	93.3	94.5	95.4	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥800	84.4	87.8	87.8	93.3	95.0	96.0	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥700	84.4	87.8	87.8	94.5	95.8	96.9	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥600	84.4	87.8	87.8	94.5	95.8	96.9	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥500	84.4	87.8	87.8	94.5	96.0	97.1	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥400	84.4	87.8	87.8	94.5	96.0	97.1	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥300	84.4	87.8	87.8	94.7	96.2	97.3	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥200	84.4	87.8	87.8	94.7	96.2	97.5	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	84.4	87.8	87.8	94.7	96.2	97.5	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	84.4	87.8	87.8	94.7	96.2	97.5	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

41279
STATION

YONGSAN AB KC
STATION NAME

73-87
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FILE
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥1/32
NO CEILING ≥ 20000		42.9	46.1	40.1	52.1	53.0	54.3	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000		52.6	56.7	56.7	64.4	65.7	67.4	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000		53.4	57.5	57.5	65.2	66.6	68.3	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000		53.5	57.6	57.6	65.3	66.7	68.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000		54.4	58.5	58.5	66.3	67.7	69.4	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000		55.6	59.8	59.8	67.6	69.0	70.8	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000		57.6	62.0	62.0	70.4	72.0	73.8	74.9	75.1	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000		58.3	62.8	62.8	71.4	73.0	74.9	75.9	76.1	76.0	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000		59.3	64.1	64.1	73.2	75.0	77.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000		59.9	64.9	64.8	74.0	75.9	78.0	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500		60.1	64.7	64.9	74.2	76.1	78.2	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000		60.2	65.1	65.1	74.4	76.3	78.6	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500		60.9	65.9	65.9	75.2	77.1	79.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000		62.8	68.0	68.0	77.4	79.3	81.6	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500		64.3	69.9	69.8	79.4	81.4	83.6	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000		66.6	72.7	72.7	82.6	84.8	87.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800		67.2	73.2	73.2	83.7	85.9	88.2	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1600		67.8	73.9	73.9	84.7	86.9	89.3	90.7	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3
≥ 1400		67.9	74.1	74.1	85.0	87.2	89.6	91.1	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6
≥ 1200		68.0	74.3	74.3	85.6	88.0	90.6	92.2	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8
≥ 1000		68.2	74.5	74.5	86.0	88.5	91.2	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900		68.3	74.6	74.6	86.5	89.3	92.3	94.4	94.6	94.8	95.0	95.0	95.0	95.0	95.1	95.1
≥ 800		68.4	74.7	74.7	86.6	89.4	92.5	94.7	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6
≥ 700		68.5	74.9	74.9	87.0	90.0	93.2	95.5	95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6
≥ 600		68.5	74.9	74.9	87.3	90.4	93.8	96.2	96.6	97.0	97.3	97.5	97.5	97.5	97.5	97.5
≥ 500		68.6	75.0	75.0	87.4	90.5	94.0	96.6	97.0	97.5	97.9	98.0	98.1	98.1	98.1	98.1
≥ 400		68.6	75.0	75.0	87.4	90.6	94.3	97.2	97.8	98.2	98.9	99.2	99.2	99.3	99.4	99.4
≥ 300		68.6	75.0	75.0	87.5	90.7	94.5	97.5	98.1	98.6	99.3	99.6	99.6	99.7	99.9	99.9
≥ 200		68.6	75.0	75.0	87.5	90.7	94.5	97.5	98.2	98.7	99.4	99.6	99.7	99.8	100.0	100.0
≥ 100		68.6	75.0	75.0	87.5	90.7	94.5	97.5	98.2	98.7	99.4	99.6	99.7	99.8	100.0	100.0
≥ 0		68.6	75.0	75.0	87.5	90.7	94.5	97.5	98.2	98.7	99.4	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2236

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		17.6	19.3	19.3	23.5	24.9	29.4	31.7	31.7	31.9	31.7	31.9	32.3	32.3	32.3	32.3
≥ 18000		19.7	22.2	22.2	27.0	29.6	34.0	36.5	36.7	36.9	36.9	37.1	37.5	37.5	37.5	37.5
≥ 16000		20.1	22.6	22.6	27.9	30.4	34.8	37.3	37.5	37.7	37.7	37.9	38.4	38.4	38.4	38.4
≥ 14000		20.1	22.6	22.6	27.9	30.4	34.8	37.3	37.5	37.7	37.7	37.9	38.4	38.4	38.4	38.4
≥ 12000		20.5	23.3	23.3	28.5	31.0	35.4	37.9	38.2	38.4	38.4	38.6	39.0	39.0	39.0	39.0
≥ 10000		21.5	24.3	24.3	29.8	33.1	37.9	41.1	41.5	41.7	41.7	41.9	42.3	42.3	42.3	42.3
≥ 8000		23.9	27.0	27.0	32.7	36.1	41.1	44.2	44.7	44.9	44.9	45.1	45.5	45.5	45.5	45.5
≥ 7000		24.9	28.3	28.3	34.4	37.7	43.7	46.1	46.5	46.8	47.0	47.2	47.6	47.6	47.6	47.6
≥ 6000		26.8	31.0	31.0	37.5	41.3	46.8	49.9	50.5	50.9	51.2	51.4	51.8	51.8	51.8	51.8
≥ 5000		27.9	32.3	32.3	39.4	43.2	48.6	51.8	52.4	52.8	53.0	53.2	53.5	53.7	53.7	53.7
≥ 4500		27.9	32.3	32.3	39.4	43.2	48.6	51.8	52.4	52.8	53.0	53.2	53.5	53.7	53.7	53.7
≥ 4000		28.1	32.5	32.5	39.8	43.8	49.3	52.6	53.2	53.7	53.9	54.1	54.5	54.5	54.5	54.5
≥ 3500		29.1	33.3	33.3	41.7	46.1	51.6	54.9	55.6	56.0	56.2	56.4	56.8	56.8	56.8	56.8
≥ 3000		30.0	34.3	34.3	43.0	47.6	53.2	56.6	57.4	57.9	58.1	58.3	58.7	58.7	58.7	58.7
≥ 2500		31.3	36.7	36.7	45.7	50.7	57.0	60.8	61.8	62.3	62.5	62.7	63.1	63.1	63.1	63.1
≥ 2000		32.5	39.0	39.0	48.4	53.9	60.8	65.2	66.2	66.9	67.1	67.3	67.7	67.7	67.7	67.7
≥ 1800		34.6	41.5	41.5	52.6	58.3	65.2	69.6	70.6	71.3	71.5	71.7	72.1	72.1	72.1	72.1
≥ 1500		35.4	42.3	42.3	53.9	59.7	67.1	71.7	72.7	73.4	73.6	73.8	74.2	74.2	74.2	74.2
≥ 1200		36.5	43.8	43.8	55.8	62.7	70.9	76.5	78.0	79.0	79.2	79.9	80.3	80.3	80.3	80.3
≥ 1000		37.1	44.7	44.7	57.4	64.8	74.2	81.3	82.8	83.9	84.1	84.7	85.1	85.1	85.1	85.1
≥ 900		37.1	44.7	44.7	57.4	65.0	74.6	82.6	84.1	85.3	85.5	86.2	86.6	86.6	86.6	86.6
≥ 800		37.1	44.7	44.7	57.7	65.2	74.8	83.2	85.1	86.6	86.8	87.4	87.8	87.8	87.8	87.8
≥ 700		37.1	44.7	44.7	58.1	66.5	77.1	86.6	88.5	90.8	91.0	91.6	92.0	92.0	92.0	92.0
≥ 600		37.1	44.7	44.7	58.3	66.7	77.8	87.4	89.7	92.7	93.1	93.7	94.1	94.1	94.1	94.1
≥ 500		37.1	44.7	44.7	58.3	66.7	78.0	88.9	91.8	95.4	96.0	96.6	97.1	97.5	97.5	97.5
≥ 400		37.1	44.7	44.7	58.3	66.7	78.6	90.4	93.3	96.9	97.9	98.5	99.0	99.6	99.8	99.8
≥ 300		37.1	44.7	44.7	58.3	66.7	78.6	90.4	93.3	96.9	97.9	98.5	99.0	99.8	100.0	100.0
≥ 200		37.1	44.7	44.7	58.3	66.7	78.6	90.4	93.3	96.9	97.9	98.5	99.0	99.8	100.0	100.0
≥ 100		37.1	44.7	44.7	58.3	66.7	78.6	90.4	93.3	96.9	97.9	98.5	99.0	99.8	100.0	100.0
≥ 0		37.1	44.7	44.7	58.3	66.7	78.6	90.4	93.3	96.9	97.9	98.5	99.0	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 477

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47274
STATION

YONGSAN AB XO
STATION NAME

73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	24.6	25.7	25.7	31.2	33.5	36.1	37.9	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3
≥ 18000	28.6	30.7	30.7	37.0	39.8	42.8	44.6	44.8	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	29.6	31.6	31.6	38.1	40.9	43.9	45.9	46.1	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	29.7	31.7	31.7	38.3	41.1	44.1	46.1	46.3	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 12000	30.3	32.3	32.3	39.0	41.8	44.8	46.8	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	31.4	33.5	33.5	40.1	43.5	46.5	48.7	48.9	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	33.3	35.5	35.5	43.3	46.8	50.4	52.6	52.8	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	34.6	37.2	37.2	45.4	49.3	53.2	55.4	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	36.1	39.4	39.4	48.0	52.0	56.1	58.4	58.6	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	36.4	40.0	40.0	48.7	52.8	56.9	59.1	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	36.4	40.3	40.3	49.1	53.2	57.2	59.5	59.7	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4000	37.0	40.5	40.5	49.3	53.3	57.4	59.7	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 3500	38.3	41.6	41.6	50.9	55.0	59.3	61.5	61.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3000	39.2	42.9	42.9	52.4	56.5	60.8	63.4	63.6	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 2500	40.4	46.7	46.7	57.2	61.9	66.5	69.7	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2000	45.4	50.4	50.4	61.7	66.4	71.4	75.1	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1800	48.1	54.1	54.1	67.1	72.3	77.5	81.6	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1600	49.1	55.2	55.2	68.8	74.1	79.7	83.8	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1400	50.0	56.3	56.3	71.0	76.6	82.5	87.2	87.7	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	50.4	56.7	56.7	72.1	78.8	84.9	89.8	90.3	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	50.7	57.2	57.2	73.4	81.0	87.4	92.6	93.1	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	50.9	57.4	57.4	73.8	81.6	87.9	93.3	93.9	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	50.9	57.4	57.4	74.0	82.2	88.7	94.4	95.2	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	50.9	57.4	57.4	74.2	82.3	89.8	95.5	96.3	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	50.9	57.4	57.4	74.3	82.5	90.0	95.9	96.8	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	50.9	57.4	57.4	74.5	82.7	90.3	96.8	97.8	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	50.9	57.4	57.4	74.9	83.1	90.7	97.2	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	50.9	57.4	57.4	74.9	83.1	90.7	97.2	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	51.1	57.6	57.6	75.1	83.3	90.9	97.4	98.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	51.1	57.6	57.6	75.1	83.3	90.9	97.4	98.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0	51.1	57.6	57.6	75.1	83.3	90.9	97.4	98.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 532

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

41279
STATION

YONGSAN AB KC
STATION NAME

73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000		29.9	31.4	31.4	37.0	37.6	39.0	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
≥ 18000		36.3	38.9	38.9	45.3	46.2	46.6	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000		38.3	40.1	40.1	46.8	47.6	48.2	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000		38.3	40.3	40.3	47.0	47.8	48.4	48.6	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9
≥ 12000		38.9	41.1	41.0	47.6	48.4	49.1	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5
≥ 10000		41.0	43.0	43.0	49.9	50.7	51.4	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000		42.2	44.3	44.3	52.2	53.3	54.3	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7
≥ 7000		44.5	46.8	46.8	55.5	56.3	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2
≥ 6000		46.8	49.9	49.9	58.6	59.7	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5
≥ 5000		48.0	51.1	51.1	59.9	60.9	62.4	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4500		49.7	52.3	52.3	61.7	62.8	64.2	64.4	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000		50.7	53.8	53.8	62.8	63.8	65.3	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3500		52.6	55.7	55.7	65.7	66.7	68.2	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000		54.1	57.8	57.8	67.6	68.6	70.1	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2500		60.1	64.9	64.9	75.1	76.1	78.0	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000		63.4	69.3	68.8	81.0	81.3	83.4	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800		65.9	71.5	71.5	84.2	85.9	88.4	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1600		66.9	72.6	72.6	85.2	86.9	89.6	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1400		67.8	73.6	73.6	86.7	88.4	91.3	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		68.4	74.6	74.6	89.6	90.2	93.1	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000		69.6	75.1	75.1	89.8	91.9	95.0	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900		68.8	75.3	75.3	90.0	92.1	95.2	96.5	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1
≥ 800		68.8	75.3	75.3	90.2	92.3	95.8	97.5	97.7	97.7	97.9	98.1	98.1	98.1	98.1	98.1
≥ 700		68.8	75.3	75.3	90.4	92.7	96.3	97.9	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5
≥ 600		68.8	75.3	75.3	90.4	92.7	96.5	99.0	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 500		68.8	75.3	75.3	90.4	92.7	96.7	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400		68.8	75.3	75.3	90.4	92.7	96.7	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300		68.8	75.3	75.3	90.4	92.7	96.7	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200		68.8	75.3	75.3	90.4	92.7	96.7	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		68.8	75.3	75.3	90.4	92.7	96.7	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0		68.8	75.3	75.3	90.4	92.7	96.7	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

40079
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		37.5	37.9	37.9	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000		45.7	47.4	47.4	48.7	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000		46.2	47.6	47.6	49.0	49.7	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 16000		46.4	47.8	47.8	49.2	49.9	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000		46.9	48.3	48.3	49.9	50.6	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000		49.0	50.3	50.3	52.0	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000		51.7	53.3	53.3	55.2	56.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000		53.8	55.4	55.4	57.9	58.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000		56.8	58.4	58.4	60.9	62.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000		58.6	60.3	60.3	63.2	64.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000		58.9	60.7	60.7	63.4	64.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000		59.5	61.4	61.4	64.1	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500		60.5	62.3	62.3	65.1	66.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000		61.6	63.4	63.4	66.4	67.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500		65.3	67.1	67.1	70.3	71.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000		74.3	77.2	77.2	82.1	83.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500		77.1	80.5	80.5	85.5	87.1	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000		77.9	81.4	81.4	86.7	88.5	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800		78.2	81.6	81.6	87.4	89.2	91.3	91.7	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500		78.6	82.8	82.8	88.7	90.6	93.1	93.6	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200		79.3	83.4	83.4	89.7	92.4	94.9	95.4	95.4	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		79.6	83.9	83.9	90.1	92.9	95.4	96.1	96.1	97.0	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900		79.8	83.9	83.9	90.1	92.9	95.4	96.3	96.3	97.2	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		79.8	83.9	83.9	90.6	93.3	95.9	96.8	96.8	97.7	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		79.8	83.9	83.9	91.0	94.0	96.6	97.5	97.5	98.4	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0		79.8	83.9	83.9	91.0	94.0	96.6	98.2	98.2	99.1	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 435

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATA WEATHER SERVICE/HAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4777
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		26.9	29.7	28.3	32.6	33.7	35.7	36.8	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000		32.4	34.4	34.4	39.3	41.0	43.1	44.3	44.4	44.5	44.5	44.7	44.8	44.8	44.8	44.8
≥ 18000		33.1	35.1	35.1	40.2	41.9	44.2	45.5	45.6	45.7	45.8	45.8	45.9	45.9	45.9	45.9
≥ 16000		33.2	35.3	35.3	40.3	42.1	44.4	45.6	45.7	45.8	45.9	46.0	46.1	46.1	46.1	46.1
≥ 14000		33.8	35.8	35.8	41.0	42.8	45.1	46.3	46.4	46.5	46.6	46.7	46.8	46.8	46.8	46.8
≥ 12000		35.3	37.4	37.4	42.7	44.8	47.2	48.6	48.6	48.9	49.0	49.0	49.1	49.1	49.1	49.1
≥ 10000		37.3	39.6	39.6	45.6	47.8	50.6	52.1	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.6
≥ 9000		39.0	41.5	41.5	48.0	50.3	53.4	54.8	55.0	55.2	55.3	55.4	55.5	55.5	55.5	55.5
≥ 8000		41.1	44.2	44.2	51.0	53.5	56.7	58.2	59.4	59.6	59.7	59.8	59.9	59.9	59.9	59.9
≥ 7000		42.2	45.5	45.5	52.5	55.0	58.2	59.7	59.9	60.1	60.2	60.3	60.4	60.4	60.4	60.4
≥ 6000		42.3	45.5	45.5	52.5	55.1	58.3	59.7	59.9	60.1	60.3	60.3	60.4	60.4	60.4	60.4
≥ 5000		42.9	46.2	46.2	53.2	55.9	59.0	60.5	60.7	60.9	61.1	61.1	61.2	61.2	61.2	61.2
≥ 4500		43.5	46.8	46.8	53.9	56.5	59.7	61.2	61.4	61.6	61.7	61.8	61.9	61.9	61.9	61.9
≥ 4000		44.8	48.2	48.2	55.8	58.6	61.8	63.3	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.0
≥ 3500		46.5	50.1	50.1	57.9	60.7	64.0	65.6	65.8	66.0	66.2	66.2	66.3	66.3	66.3	66.3
≥ 3000		51.2	55.6	55.6	64.4	67.6	71.3	73.2	73.5	73.7	73.9	74.0	74.1	74.1	74.1	74.1
≥ 2500		53.8	58.9	58.9	68.4	71.7	75.7	77.9	78.3	78.6	78.8	78.8	78.9	78.9	78.9	78.9
≥ 2000		55.9	61.5	61.5	72.2	75.9	80.1	82.5	82.5	83.2	83.4	83.4	83.5	83.5	83.5	83.5
≥ 1800		56.7	62.3	62.3	73.3	77.1	81.7	84.2	84.6	84.9	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1500		57.4	63.2	63.2	74.8	78.7	83.6	86.5	86.9	87.3	87.6	87.7	87.8	87.8	87.8	87.8
≥ 1200		57.9	64.0	64.0	76.1	80.7	85.8	88.8	89.3	89.9	90.3	90.4	90.5	90.5	90.5	90.5
≥ 1000		58.4	64.6	64.6	77.3	82.4	87.8	91.5	92.0	92.7	93.1	93.3	93.4	93.4	93.4	93.4
≥ 900		58.5	64.7	64.7	77.5	82.7	88.1	92.1	92.7	93.4	93.8	94.0	94.1	94.1	94.1	94.1
≥ 800		58.5	64.7	64.7	77.7	83.0	88.7	93.0	93.7	94.5	94.8	95.0	95.1	95.1	95.1	95.1
≥ 700		59.5	64.7	64.7	78.0	83.6	89.8	94.4	95.1	96.1	96.4	96.6	96.7	96.7	96.7	96.7
≥ 600		59.5	64.7	64.7	78.1	83.7	90.1	95.1	96.0	97.1	97.6	97.8	97.9	97.9	97.9	97.9
≥ 500		59.5	64.7	64.7	78.2	83.8	90.3	95.8	96.8	98.1	98.7	98.9	99.0	99.1	99.1	99.1
≥ 400		59.5	64.7	64.7	78.3	83.9	90.5	96.2	97.3	98.5	99.2	99.5	99.7	99.8	99.9	99.9
≥ 300		59.5	64.7	64.7	78.3	83.9	90.5	96.2	97.3	98.5	99.2	99.5	99.7	99.9	99.9	99.9
≥ 200		59.5	64.7	64.7	78.4	83.9	90.6	96.3	97.3	98.6	99.3	99.5	99.7	99.9	100.0	100.0
≥ 100		59.5	64.7	64.7	78.4	83.9	90.6	96.3	97.3	98.6	99.3	99.5	99.7	99.9	100.0	100.0
≥ 0		59.5	64.7	64.7	78.4	83.9	90.6	96.3	97.3	98.6	99.3	99.5	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1431

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

41779
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
≥20000	9.4	11.3	11.3	14.5	16.4	20.1	21.7	22.3	23.4	24.0	24.2	24.2	24.4	24.4	24.4	24.4
≥18000	11.7	13.5	13.5	18.2	20.1	25.0	26.8	27.9	29.3	30.1	30.3	30.3	30.5	30.5	30.5	30.5
≥16000	12.1	13.9	13.9	18.6	20.9	25.4	27.3	28.3	29.7	30.5	30.7	30.7	30.9	30.9	30.9	30.9
≥14000	12.5	14.3	14.3	19.1	20.9	25.8	27.7	28.7	30.3	31.1	31.4	31.4	31.6	31.6	31.6	31.6
≥12000	13.7	15.6	15.6	20.5	22.3	27.5	29.7	30.9	33.4	34.2	34.4	34.4	34.6	34.6	34.6	34.6
≥10000	16.4	18.4	18.4	24.4	26.6	32.4	35.5	36.7	39.1	40.2	40.6	40.6	40.8	40.8	40.8	40.8
≥8000	17.8	20.0	20.0	26.2	28.7	34.6	38.5	39.8	42.2	43.4	43.9	43.9	44.1	44.1	44.1	44.1
≥7000	19.3	21.3	21.3	28.1	31.4	39.1	42.8	44.1	46.9	48.4	48.8	48.8	49.0	49.0	49.0	49.0
≥6000	19.5	22.0	22.0	29.0	32.4	39.1	43.9	45.1	48.0	49.4	49.8	49.8	50.0	50.0	50.0	50.0
≥5000	19.5	22.1	22.1	29.1	32.6	39.5	44.3	45.5	48.4	49.8	50.2	50.2	50.4	50.4	50.4	50.4
≥4500	20.1	23.2	23.2	30.3	33.8	40.8	45.5	46.7	49.6	51.0	51.4	51.4	51.6	51.6	51.6	51.6
≥4000	21.1	24.3	24.3	32.8	36.7	43.6	48.6	50.0	52.9	54.3	54.7	54.7	54.9	54.9	54.9	54.9
≥3500	23.6	27.5	27.5	35.9	39.8	46.7	51.6	53.3	56.1	57.6	58.0	58.0	58.2	58.2	58.2	58.2
≥3000	28.8	33.0	33.0	42.4	46.7	54.3	60.5	62.1	65.0	66.4	66.8	66.8	67.0	67.0	67.0	67.0
≥2500	30.1	34.8	34.8	44.5	49.0	57.0	63.3	65.0	67.8	69.3	69.7	69.7	69.9	69.9	69.9	69.9
≥2000	32.0	37.3	37.3	48.0	52.9	61.1	68.2	69.9	72.7	74.2	74.6	74.6	74.8	74.8	74.8	74.8
≥1800	34.4	40.4	40.4	51.0	56.1	65.4	72.5	74.2	77.3	78.9	79.3	79.3	79.5	79.5	79.5	79.5
≥1600	35.3	42.2	42.2	53.1	58.4	67.8	75.0	76.8	79.9	81.6	82.0	82.0	82.2	82.2	82.2	82.2
≥1400	36.9	43.4	43.4	54.3	59.6	69.1	76.2	78.5	82.0	83.6	84.0	84.0	84.2	84.2	84.2	84.2
≥1200	37.3	44.1	44.1	55.3	61.5	71.3	78.5	80.9	84.4	87.1	87.5	87.5	87.7	87.7	87.7	87.7
≥1000	37.3	44.1	44.1	55.5	61.7	71.5	78.9	81.4	84.8	87.7	88.1	88.1	88.3	88.3	88.3	88.3
≥900	37.5	44.3	44.3	56.4	62.5	72.7	80.1	83.2	87.1	90.0	90.4	90.4	90.6	90.6	90.6	90.6
≥800	37.5	45.1	45.1	57.8	64.3	74.6	82.4	85.7	89.5	92.4	93.0	93.0	93.6	93.6	93.6	93.6
≥700	37.9	45.5	45.5	58.6	65.2	76.0	84.4	87.7	91.8	95.3	96.1	96.1	96.5	96.5	96.5	96.5
≥600	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.0	98.8	98.8	99.2	99.4	99.4	99.4
≥500	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.2	99.0	99.0	99.4	99.6	99.6	99.6
≥400	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.2	99.0	99.0	99.4	99.6	99.6	99.6
≥300	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.2	99.0	99.0	99.4	99.6	99.6	99.6
≥200	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.2	99.0	99.0	99.4	99.6	99.6	99.6
≥100	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.2	99.0	99.0	99.4	99.6	99.6	99.6
≥0	37.9	45.5	45.5	58.8	66.4	77.9	86.3	89.8	94.5	98.2	99.0	99.0	99.4	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 435

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279

YONGSAN AB KO

73-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
≥ 1000		16.9	19.3	19.3	24.4	26.1	28.0	28.9	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 900		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 800		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 700		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 600		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 500		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 400		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 300		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 200		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 100		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 50		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 5		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 2		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 0		19.3	22.4	22.4	29.4	31.5	33.7	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2

TOTAL NUMBER OF OBSERVATIONS 545

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

USE WITH CAUTION
SEE INSTRUCTIONS

CEILING VERSUS VISIBILITY

4377
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1210-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NOT RECORDED																
≥ 20000	23.6	25.4	25.4	29.5	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 18000	27.1	28.9	28.9	33.1	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 16000	27.3	29.1	29.1	33.3	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 14000	27.3	29.1	29.1	33.3	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	28.3	30.2	30.2	34.3	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 10000	31.0	33.3	33.3	38.0	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 9000	35.3	37.8	37.8	43.8	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000	37.0	39.5	39.5	45.7	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 7000	40.3	43.0	43.0	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 6000	42.8	45.7	45.7	52.3	52.7	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 5000	43.4	46.3	46.3	52.9	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 4500	44.0	46.9	46.9	53.5	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 4000	44.8	47.9	47.9	54.8	55.4	55.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 3500	45.9	49.2	49.2	56.4	57.2	57.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3000	47.8	51.4	51.4	58.9	59.9	59.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 2500	57.6	61.3	61.3	69.4	70.9	70.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	64.0	68.2	68.2	76.2	78.1	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	67.6	71.9	71.9	80.8	83.1	83.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1600	68.8	73.1	73.1	82.2	84.5	84.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1400	69.6	74.0	74.0	84.5	86.8	86.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	70.9	75.4	75.4	87.4	89.7	89.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	71.1	75.8	75.8	88.4	90.7	90.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	71.1	75.8	75.8	88.4	90.9	90.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	71.1	75.8	75.8	88.4	91.3	91.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	71.1	75.8	75.8	88.4	91.5	91.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	71.1	76.0	76.0	89.3	92.1	92.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	71.1	76.0	76.0	89.3	92.4	92.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	71.1	76.0	76.0	89.3	92.4	92.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	71.1	76.2	76.2	89.5	92.6	92.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	71.1	76.2	76.2	89.5	92.6	92.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 100	71.1	76.2	76.2	89.5	92.6	92.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 50	71.1	76.4	76.4	89.7	92.8	92.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 44

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47273
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅑
NO FLOORING	29.3	31.5	31.5	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	34.2	37.8	37.8	41.4	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	34.2	38.1	38.1	41.7	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 16000	34.2	38.5	38.5	42.1	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	35.1	39.4	39.4	43.3	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 12000	36.7	41.1	41.1	44.6	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	40.1	44.8	44.8	48.4	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	40.8	45.9	45.9	49.8	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	42.1	47.3	47.3	52.3	51.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	44.1	49.8	49.8	55.0	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 6000	44.8	50.5	50.5	55.6	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 5000	44.8	50.5	50.5	55.6	56.3	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4500	45.2	52.0	52.0	57.2	53.3	59.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	48.6	54.5	54.5	59.9	61.0	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	51.4	57.2	57.2	62.6	63.7	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3000	61.1	69.8	69.8	75.5	77.0	77.9	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2500	66.4	73.6	73.6	80.0	81.5	82.7	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	71.4	78.8	78.8	85.8	87.6	89.9	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	72.1	79.7	79.7	87.2	89.2	91.7	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	73.0	80.6	80.6	88.3	90.5	93.0	94.4	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	73.2	80.9	80.9	89.0	91.2	93.9	95.3	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	73.4	81.1	81.1	90.1	92.6	95.5	96.8	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	73.4	81.1	81.1	90.1	92.6	95.5	96.8	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	73.4	81.1	81.1	90.1	92.6	95.9	97.3	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	73.4	81.1	81.1	90.1	92.6	95.9	97.5	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	73.4	81.1	81.1	90.1	92.8	96.2	97.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	73.4	81.1	81.1	90.1	92.8	96.2	97.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	73.4	81.1	81.1	90.1	92.8	96.2	97.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	73.4	81.1	81.1	90.1	92.8	96.2	97.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	73.4	81.1	81.1	90.1	92.8	96.2	97.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	73.4	81.1	81.1	90.1	92.8	96.2	98.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.4	81.1	81.1	90.1	92.8	96.2	98.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 444

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

40079 YONGSAN AB KC 73-79 JUL
STATION STATION NAME YEARS MONTH
ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING		19.5	21.5	21.6	25.3	26.3	27.8	28.5	29.7	29.0	29.1	29.2	29.2	29.7	29.2	29.2
≥ 2000		22.6	25.4	25.4	32.3	31.4	33.3	34.2	34.5	34.9	35.1	35.1	35.1	35.2	35.2	35.2
≥ 1800		22.9	25.6	25.6	30.5	31.6	33.5	34.4	34.7	35.1	35.3	35.3	35.3	35.4	35.4	35.4
≥ 1600		22.9	25.7	25.7	30.6	31.8	33.7	34.6	34.9	35.3	35.5	35.5	35.5	35.6	35.6	35.6
≥ 1400		23.5	26.4	26.4	31.3	32.5	34.4	35.2	35.5	36.1	36.2	36.2	36.2	36.3	36.3	36.3
≥ 1200		25.3	28.3	28.3	33.5	34.8	36.9	37.9	38.3	39.0	39.2	39.3	39.3	39.3	39.3	39.3
≥ 1000		28.6	31.9	31.9	37.9	39.5	41.9	43.2	43.6	44.3	44.5	44.6	44.6	44.7	44.7	44.7
≥ 900		30.1	33.5	33.5	39.8	41.5	44.0	45.5	45.9	46.6	46.9	47.0	47.0	47.1	47.1	47.1
≥ 800		32.3	35.3	35.3	42.7	44.7	47.6	49.4	49.9	50.7	51.0	51.1	51.2	51.2	51.2	51.2
≥ 700		33.7	37.6	37.6	44.9	47.0	49.9	51.7	52.1	53.0	53.2	53.4	53.5	53.6	53.6	53.6
≥ 600		34.2	38.1	38.1	45.3	47.5	50.5	52.3	52.7	53.5	53.9	54.0	54.0	54.1	54.1	54.1
≥ 500		34.5	38.5	38.5	45.9	48.1	51.0	53.0	53.4	54.2	54.6	54.7	54.8	54.8	54.8	54.8
≥ 450		35.2	39.4	39.4	46.8	49.0	52.0	54.0	54.3	55.2	55.6	55.7	55.7	55.8	55.8	55.8
≥ 400		36.9	41.3	41.3	49.2	51.7	54.7	56.7	57.2	58.0	58.4	58.5	58.5	58.6	58.6	58.6
≥ 350		39.3	43.9	43.9	51.9	54.4	57.5	59.6	60.1	60.9	61.3	61.4	61.5	61.5	61.5	61.5
≥ 300		46.6	51.9	51.9	60.3	63.3	67.0	69.6	70.1	71.1	71.5	71.6	71.6	71.7	71.7	71.7
≥ 250		50.2	55.7	55.7	64.7	67.7	71.8	74.6	75.1	76.1	76.4	76.5	76.6	76.6	76.6	76.6
≥ 200		54.0	59.7	59.9	69.8	73.4	77.9	81.2	81.7	82.8	83.2	83.3	83.4	83.4	83.4	83.4
≥ 180		55.5	61.7	61.7	71.8	75.5	80.4	83.7	84.4	85.6	86.0	86.1	86.1	86.2	86.2	86.2
≥ 150		56.5	62.7	62.7	73.5	77.4	82.4	86.1	86.9	88.2	88.7	88.8	88.8	88.9	88.9	88.9
≥ 120		57.2	63.6	63.6	75.4	79.3	84.5	88.4	89.2	90.7	91.1	91.2	91.3	91.3	91.3	91.3
≥ 100		57.5	64.1	64.1	76.6	80.7	86.1	90.1	91.1	92.6	93.3	93.4	93.5	93.5	93.5	93.5
≥ 90		57.6	64.2	64.2	76.8	81.0	86.5	90.5	91.7	93.3	94.1	94.2	94.2	94.3	94.3	94.3
≥ 80		57.7	64.3	64.3	77.3	81.6	87.4	91.6	93.3	95.0	96.0	96.1	96.2	96.3	96.3	96.3
≥ 70		57.8	64.5	64.5	78.0	82.4	88.2	92.6	94.3	96.1	97.1	97.2	97.5	97.5	97.5	97.5
≥ 60		57.9	64.6	64.6	79.3	83.0	88.9	93.6	95.3	97.1	98.3	98.6	98.8	98.9	98.9	98.9
≥ 50		57.9	64.6	64.6	78.4	83.3	89.4	94.1	95.9	97.9	99.1	99.3	99.6	99.6	99.6	99.6
≥ 40		57.9	64.6	64.6	78.4	83.3	89.4	94.1	95.9	97.9	99.1	99.4	99.6	99.7	99.7	99.7
≥ 30		57.9	64.7	64.7	78.4	83.4	89.5	94.1	95.9	97.9	99.2	99.4	99.7	99.8	99.8	99.8
≥ 20		57.9	64.7	64.7	78.4	83.4	89.5	94.1	95.9	97.9	99.2	99.4	99.7	99.8	99.8	99.8
≥ 10		57.9	64.7	64.7	78.4	83.4	89.5	94.3	96.1	98.1	99.3	99.6	99.8	99.9	99.9	99.9
≥ 0		57.9	64.7	64.7	78.5	83.5	89.6	94.3	96.1	98.1	99.4	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1756

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47079
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		21.4	23.7	22.8	25.5	26.5	28.3	31.3	31.7	33.3	33.7	34.1	34.1	34.1	34.3	34.3
≥ 2500		22.1	24.6	24.6	27.5	28.5	30.3	33.9	34.5	36.1	36.7	36.9	36.9	36.9	37.1	37.1
≥ 1800		22.1	24.6	24.6	27.5	28.5	30.3	33.9	34.5	36.1	36.7	36.9	36.9	36.9	37.1	37.1
≥ 1600		22.1	24.6	24.6	27.5	28.5	30.3	33.9	34.5	36.1	36.7	36.9	36.9	36.9	37.1	37.1
≥ 1400		22.1	24.6	24.6	27.7	28.9	30.7	34.3	34.9	36.5	37.1	37.3	37.3	37.3	37.5	37.5
≥ 1200		24.2	27.3	27.3	31.9	32.1	34.3	38.7	39.3	41.9	41.9	41.9	41.9	41.9	42.3	42.3
≥ 1000		24.9	29.1	29.1	32.5	33.7	36.3	42.1	43.1	44.7	45.5	45.7	45.9	46.1	46.3	46.3
≥ 900		25.9	29.1	29.1	33.7	35.1	37.5	43.7	44.7	46.3	47.3	47.5	47.7	47.9	48.1	48.1
≥ 800		28.5	31.7	31.7	36.9	38.3	40.9	47.5	48.7	50.3	51.3	51.5	51.7	51.9	52.1	52.1
≥ 700		29.7	33.1	33.1	38.5	39.9	42.5	49.1	50.3	51.9	52.9	53.1	53.3	53.5	53.7	53.7
≥ 600		29.9	33.3	33.3	38.7	40.1	42.7	49.3	50.5	52.1	53.1	53.3	53.5	53.7	53.9	53.9
≥ 500		31.1	34.5	34.5	39.9	41.3	43.9	50.5	51.7	53.3	54.3	54.5	54.7	54.9	55.1	55.1
≥ 450		31.7	35.1	35.1	40.5	41.9	44.5	51.1	52.3	53.9	54.9	55.1	55.3	55.5	55.7	55.7
≥ 400		33.3	36.7	36.7	42.1	43.5	46.1	52.7	53.9	55.5	56.5	56.7	56.9	57.1	57.3	57.3
≥ 3500		34.5	37.9	37.9	43.3	44.9	47.7	54.3	55.5	57.1	58.1	58.3	58.5	58.7	58.9	58.9
≥ 3000		39.3	42.9	42.9	49.5	51.7	56.1	63.3	64.5	66.1	67.5	67.7	67.9	68.1	68.3	68.3
≥ 2500		43.1	47.3	47.3	54.7	57.1	61.7	69.1	70.7	72.3	73.9	74.1	74.3	74.5	74.7	74.7
≥ 2000		46.7	51.1	51.1	59.7	62.7	68.1	76.6	78.6	80.2	82.6	82.8	83.0	83.2	83.4	83.4
≥ 1800		48.5	53.3	53.3	62.3	65.3	70.7	79.4	81.4	83.0	85.4	85.6	85.8	86.0	86.2	86.2
≥ 1500		49.3	54.5	54.5	63.9	67.1	71.1	82.0	84.0	85.6	88.0	88.2	88.4	88.6	88.8	88.8
≥ 1200		49.5	54.9	54.9	64.5	67.7	73.9	82.8	84.8	86.4	88.9	89.0	89.2	89.4	89.6	89.6
≥ 1000		49.5	55.1	55.1	65.7	69.1	76.0	85.2	87.2	89.0	91.4	91.6	91.8	92.0	92.2	92.2
≥ 900		49.5	55.1	55.1	65.7	69.1	76.4	85.8	87.8	89.6	92.2	92.4	92.6	92.8	93.0	93.0
≥ 800		49.5	55.1	55.1	66.1	69.5	76.8	86.2	88.4	90.2	93.0	93.2	93.4	93.6	93.8	93.8
≥ 700		49.5	55.1	55.1	66.5	70.1	78.2	88.0	90.4	92.2	95.0	95.2	95.4	95.6	95.8	95.8
≥ 600		49.5	55.1	55.1	66.5	70.1	78.2	88.2	90.6	92.4	95.2	95.4	95.8	96.2	96.4	96.4
≥ 500		49.5	55.1	55.1	66.5	70.1	78.2	88.4	91.0	92.8	95.6	95.8	96.2	96.6	96.8	96.8
≥ 400		49.5	55.1	55.1	66.5	70.1	78.2	88.4	91.0	92.8	95.8	96.0	96.4	96.8	97.2	97.2
≥ 300		49.5	55.1	55.1	66.5	70.1	78.2	88.4	91.0	93.0	96.4	96.6	97.0	97.6	98.0	98.0
≥ 200		49.5	55.1	55.1	66.5	70.1	78.2	88.4	91.0	93.0	96.4	96.6	97.0	97.6	98.2	98.2
≥ 100		49.9	55.5	55.5	66.9	70.5	78.6	88.8	91.4	93.4	96.8	97.0	97.4	98.0	98.6	98.6
≥ 0		49.9	55.5	55.5	66.9	70.5	78.6	88.8	91.4	93.4	96.8	97.0	97.4	98.0	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 499

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

42279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

306
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 1/8	≥ 0
NO CEILING		26.4	29.9	29.9	34.0	35.8	37.2	37.5	37.9	38.4	39.1	38.6	38.6	38.6	38.6	38.6
≥ 20000		29.0	33.1	33.1	37.5	39.3	40.7	41.4	41.8	42.5	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000		29.0	33.3	33.3	37.7	39.5	40.9	41.6	41.9	42.7	42.9	42.8	42.8	42.8	42.8	42.8
≥ 16000		29.0	33.3	33.3	37.7	39.5	40.9	41.6	41.9	42.7	42.9	42.8	42.8	42.8	42.8	42.8
≥ 14000		29.2	33.5	33.5	37.9	39.5	41.1	41.8	42.1	42.8	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000		31.0	35.6	35.6	40.5	42.7	44.2	45.3	45.7	46.4	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000		32.7	37.5	37.5	43.7	45.8	47.6	48.8	49.2	50.1	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000		33.6	38.6	38.6	45.0	47.1	49.0	50.4	51.0	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000		35.6	40.5	40.5	47.4	49.7	52.2	54.2	54.9	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000		36.1	41.1	41.1	48.7	51.0	53.5	55.4	56.1	57.0	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000		36.3	41.2	41.2	48.8	51.3	53.8	55.8	56.5	57.3	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000		37.0	41.9	41.9	49.6	52.7	54.7	56.6	57.3	58.2	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4500		37.7	42.7	42.7	50.3	52.7	55.4	57.3	58.1	58.9	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4000		39.5	44.4	44.4	52.2	54.9	57.5	59.5	60.2	61.1	61.2	61.2	61.2	61.2	61.2	61.2
≥ 3500		41.1	46.2	46.2	54.3	57.0	59.6	61.9	62.7	63.5	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3000		45.0	51.0	51.0	60.2	63.0	66.7	69.2	69.9	70.8	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500		49.2	55.5	55.5	65.7	68.5	73.3	75.8	76.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2000		52.7	59.6	59.6	70.3	73.3	78.4	81.4	82.7	84.1	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800		55.0	62.1	62.1	72.9	76.1	81.6	84.6	85.8	87.3	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500		57.7	64.8	64.8	76.5	79.8	85.7	89.0	90.4	92.0	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200		58.6	66.0	66.0	77.9	81.2	87.3	90.8	92.4	94.0	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000		58.6	66.2	66.2	78.2	81.8	88.0	91.5	93.5	95.0	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900		58.6	66.2	66.2	78.2	81.8	88.5	92.2	94.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		58.6	66.2	66.2	78.4	81.9	88.8	92.9	95.6	97.2	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700		58.6	66.2	66.2	78.6	82.1	89.2	93.3	96.3	97.9	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		58.6	66.2	66.2	78.6	82.1	89.2	93.3	96.3	97.9	98.6	98.9	98.9	98.9	98.9	98.9
≥ 500		58.8	66.4	66.4	78.8	82.3	89.4	93.5	96.5	98.1	98.8	99.1	99.1	99.1	99.1	99.1
≥ 400		58.8	66.4	66.4	78.8	82.3	89.4	93.5	96.5	98.2	98.9	99.5	99.5	99.5	99.5	99.5
≥ 300		58.8	66.4	66.4	78.8	82.3	89.4	93.5	96.5	98.2	99.1	99.6	99.6	99.6	99.6	99.6
≥ 200		58.8	66.4	66.4	78.8	82.3	89.4	93.5	96.5	98.2	99.1	99.6	99.6	99.8	99.8	99.8
≥ 100		58.8	66.4	66.4	78.8	82.3	89.4	93.5	96.5	98.2	99.1	99.6	99.6	99.8	99.8	99.8
≥ 0		58.8	66.4	66.4	78.8	82.3	89.4	93.5	96.6	98.4	99.3	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 560

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47-79
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	29.2	37.6	30.6	32.8	33.2	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 18000 ≥ 16000	33.6	35.7	35.7	38.9	39.4	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000 ≥ 12000	34.9	36.8	36.8	40.0	40.6	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 10000 ≥ 9000	35.3	37.2	37.2	40.4	40.9	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 8000 ≥ 7000	35.8	37.7	37.7	40.9	41.5	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000 ≥ 5000	38.7	41.1	41.1	44.9	45.5	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500 ≥ 4000	42.8	45.8	45.8	50.9	51.5	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 3500 ≥ 3000	42.8	45.8	45.8	51.5	52.1	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 2500 ≥ 2000	45.3	48.5	48.5	54.3	55.1	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 1800 ≥ 1500	46.2	49.4	49.4	55.7	56.6	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1200 ≥ 1000	46.8	50.0	50.0	56.4	57.4	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 900 ≥ 800	47.5	50.3	50.3	57.2	58.1	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 700 ≥ 600	48.5	51.7	51.7	58.1	59.1	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 500 ≥ 400	51.7	54.9	54.9	61.3	62.3	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 300 ≥ 200	54.5	57.9	57.9	64.5	65.5	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 100 ≥ 0	62.5	67.7	67.7	75.7	76.6	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 0	68.9	74.3	74.3	82.5	84.5	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 0	72.1	79.1	79.1	86.4	88.5	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 0	74.0	80.0	80.0	89.5	90.8	92.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0	75.3	81.3	81.3	90.6	92.8	94.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	75.8	81.9	81.9	91.5	94.0	95.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	76.0	82.3	82.3	91.9	94.3	95.8	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	76.0	82.3	82.3	91.9	94.3	95.8	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	76.0	82.3	82.3	92.1	94.5	96.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	76.0	82.3	82.3	92.3	94.9	96.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	76.0	82.3	82.3	92.3	94.9	96.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	76.0	82.3	82.3	92.3	94.9	96.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	76.0	82.3	82.3	92.3	94.9	96.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	76.0	82.3	82.3	92.3	94.9	96.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	76.4	82.6	82.6	92.6	95.3	97.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	76.4	82.6	82.6	93.0	95.7	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.4	82.6	82.6	93.0	95.7	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
4TH WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47.74
STATION

YONGSAN AB KC
STATION NAME

73-79
YEARS

AO
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		30.6	32.1	32.1	33.1	33.5	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 18500		35.7	37.3	37.3	38.6	39.0	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 15000		36.9	39.6	39.6	39.9	40.3	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000		36.9	39.7	39.7	40.3	40.7	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 10000		37.6	39.7	39.7	40.9	41.4	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 7500		41.1	43.7	43.7	45.4	45.8	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000		47.7	50.2	50.2	52.7	53.2	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3000		49.2	51.7	51.7	54.2	54.6	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1500		52.5	55.1	55.1	57.6	58.0	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 1000		55.5	58.1	58.1	60.8	61.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000		55.7	58.2	58.2	61.0	61.4	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000		59.1	61.6	61.6	64.4	64.8	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500		56.3	59.9	59.9	61.8	62.2	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4000		59.3	61.8	61.8	64.8	65.2	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500		60.0	65.0	65.0	68.4	68.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3000		72.4	75.9	75.9	81.0	81.4	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500		77.6	81.2	81.2	86.5	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000		82.1	85.9	85.9	91.8	92.6	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800		83.1	86.9	86.9	93.0	93.9	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500		83.8	87.6	87.6	93.9	94.7	96.8	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		83.8	87.6	87.6	93.9	94.7	96.8	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		84.0	87.8	87.8	94.1	94.9	97.0	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900		84.0	87.8	87.8	94.1	94.9	97.1	98.1	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		84.2	88.2	88.2	94.5	95.6	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.4	88.4	88.4	94.7	95.8	97.9	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 474

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

40073 YONGSAN AB KO

73-79

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/4	≥ 0
NO CEILING		20.6	28.9	28.9	31.4	32.4	33.3	34.3	34.6	35.1	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2000		30.1	32.7	32.7	35.7	36.7	37.7	38.9	39.2	39.7	39.9	40.5	40.5	40.5	40.5	40.5
≥ 1800		30.6	33.3	33.3	36.3	37.3	38.3	39.6	39.8	40.4	40.6	40.8	40.8	40.8	40.8	40.8
≥ 1600		30.8	33.5	33.5	36.5	37.5	38.5	39.7	40.1	40.6	40.8	40.8	40.8	40.8	40.8	40.8
≥ 1400		31.1	33.8	33.8	36.8	37.8	38.8	40.1	40.3	40.6	41.2	41.3	41.4	41.4	41.4	41.4
≥ 1200		33.7	36.3	36.3	40.4	41.5	42.8	44.4	44.6	45.2	45.4	45.5	45.5	45.5	45.5	45.5
≥ 1000		36.8	40.3	40.3	44.9	46.1	47.5	49.4	49.8	50.4	50.7	50.7	50.7	50.8	50.8	50.8
≥ 900		37.7	41.2	41.2	46.0	47.2	48.7	50.8	51.2	51.8	52.1	52.1	52.2	52.2	52.3	52.3
≥ 800		40.2	43.2	43.8	49.0	50.2	52.0	54.4	54.6	55.5	55.8	55.8	55.9	55.9	55.9	55.9
≥ 700		41.6	45.2	45.2	50.8	52.1	53.9	56.2	56.7	57.3	57.6	57.6	57.7	57.7	57.8	57.8
≥ 600		41.9	45.5	45.5	51.1	52.5	54.4	56.7	57.2	57.8	58.1	58.2	58.2	58.3	58.3	58.3
≥ 500		42.6	46.2	46.2	51.9	53.2	55.2	57.5	58.0	58.7	58.9	59.0	59.0	59.1	59.1	59.1
≥ 450		43.3	46.9	46.9	52.6	53.9	55.9	58.2	58.7	59.3	59.6	59.7	59.7	59.8	59.8	59.8
≥ 400		45.6	49.2	49.2	55.0	56.4	58.4	60.7	61.2	61.8	62.1	62.2	62.2	62.3	62.3	62.3
≥ 350		47.7	51.5	51.5	57.5	58.9	61.3	63.4	63.9	64.6	64.8	64.9	64.9	65.0	65.0	65.0
≥ 300		54.4	59.1	59.0	66.3	68.0	70.7	73.5	73.9	74.6	75.0	75.0	75.0	75.1	75.1	75.1
≥ 250		59.3	64.3	64.3	72.1	74.1	77.3	80.1	80.9	81.4	81.9	81.9	82.0	82.0	82.1	82.1
≥ 200		63.0	68.3	68.3	76.8	79.1	82.6	86.0	86.8	87.6	88.3	88.3	88.4	88.4	88.5	88.5
≥ 180		64.7	70.3	70.3	79.0	81.3	85.0	88.5	89.3	90.1	90.8	90.9	90.9	91.0	91.0	91.0
≥ 160		66.2	71.8	71.8	81.0	83.5	87.4	91.2	92.1	92.9	93.7	93.8	93.8	93.9	93.9	93.9
≥ 140		66.6	72.3	72.3	81.8	84.3	88.3	92.2	93.2	94.0	94.8	94.8	94.9	94.9	95.0	95.0
≥ 120		66.7	72.6	72.6	82.4	85.0	89.2	93.1	94.2	95.1	95.9	96.0	96.0	96.1	96.1	96.1
≥ 100		66.7	72.6	72.6	82.4	85.0	89.4	93.5	94.7	95.6	96.5	96.6	96.6	96.7	96.7	96.7
≥ 90		66.7	72.7	72.7	82.6	85.3	89.8	94.0	95.4	96.3	97.2	97.3	97.3	97.4	97.4	97.4
≥ 80		66.8	72.7	72.7	82.9	85.6	90.4	94.6	96.2	97.1	98.1	98.2	98.2	98.3	98.3	98.3
≥ 70		66.8	72.7	72.7	82.9	85.6	90.4	94.7	96.3	97.2	98.2	98.3	98.4	98.5	98.5	98.5
≥ 60		66.8	72.8	72.8	82.9	85.7	90.5	94.8	96.5	97.4	98.4	98.5	98.6	98.7	98.7	98.7
≥ 50		66.8	72.8	72.8	82.9	85.7	90.5	94.8	96.5	97.5	98.5	98.7	98.8	98.9	99.0	99.0
≥ 40		66.8	72.8	72.8	82.9	85.7	90.5	94.8	96.5	97.5	98.5	98.7	98.8	98.9	99.0	99.0
≥ 30		66.8	72.8	72.8	82.9	85.7	90.5	94.8	96.5	97.5	98.7	98.9	99.0	99.1	99.2	99.2
≥ 20		66.8	72.9	72.9	83.0	85.8	90.6	94.9	96.6	97.6	98.8	99.0	99.1	99.3	99.4	99.7
≥ 10		67.0	73.0	73.0	83.2	86.0	90.8	95.1	96.8	97.8	99.0	99.2	99.3	99.5	99.6	100.0
≥ 0		67.0	73.0	73.0	83.2	86.0	90.8	95.1	96.8	97.9	99.0	99.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 268

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4779
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6-0-7800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000		25.6	28.4	28.4	34.2	36.1	41.1	44.7	45.4	45.4	46.2	46.2	46.5	46.7	47.3	47.7
≥ 18000		24.4	31.3	31.8	38.3	40.2	45.2	51.0	52.0	52.3	53.3	53.3	53.8	54.7	54.6	55.1
≥ 16000		24.8	32.3	32.3	34.7	40.6	46.7	51.4	52.5	52.7	53.8	53.3	54.2	54.4	55.1	55.5
≥ 14000		23.8	32.5	32.5	39.9	40.9	47.1	51.3	52.9	53.1	54.2	54.2	54.6	54.8	55.5	55.9
≥ 12000		29.5	33.1	33.1	39.8	41.7	48.4	53.1	54.2	54.4	55.5	55.5	55.9	56.1	56.8	57.2
≥ 10000		32.7	35.6	35.6	44.3	46.2	52.9	57.8	58.9	59.4	60.6	60.9	61.3	61.5	62.2	62.6
≥ 9000		35.3	39.6	39.6	47.5	50.1	57.0	62.2	63.4	63.9	65.2	65.4	65.8	66.7	66.7	67.1
≥ 8000		35.3	37.6	39.8	47.7	50.3	57.2	62.4	63.7	64.1	65.4	65.6	66.7	66.2	66.9	67.2
≥ 7000		37.6	42.2	42.2	51.0	53.5	60.4	65.6	66.9	67.3	68.6	68.8	69.2	69.5	70.1	70.5
≥ 6000		38.9	43.7	43.7	52.5	55.1	61.9	67.1	68.4	68.8	70.1	70.3	70.8	71.0	71.6	72.0
≥ 5000		39.6	44.3	44.3	53.5	56.1	63.0	68.2	69.5	69.9	71.2	71.4	71.8	72.0	72.7	73.1
≥ 4500		39.8	44.5	44.5	53.8	56.3	63.2	68.4	69.7	70.1	71.4	71.6	72.0	72.3	72.9	73.3
≥ 4000		41.5	46.2	46.2	55.7	58.3	65.2	70.3	71.6	72.3	73.5	73.8	74.2	74.4	75.1	75.5
≥ 3500		43.4	48.2	48.2	57.6	60.2	67.1	72.3	73.5	74.2	75.5	75.7	76.1	76.3	77.0	77.4
≥ 3000		47.7	52.5	52.5	63.0	65.8	73.1	78.3	79.6	80.4	81.7	81.9	82.4	82.6	83.2	83.7
≥ 2500		43.6	53.5	53.5	64.7	63.2	75.7	81.1	82.6	83.7	84.9	85.2	85.6	85.2	86.5	86.9
≥ 2000		49.5	54.8	54.8	66.7	70.8	78.3	84.5	86.7	87.3	88.6	88.8	89.2	89.5	90.1	90.5
≥ 1800		49.5	54.8	54.8	66.9	71.0	78.5	84.7	86.2	87.5	88.8	89.0	89.5	89.7	90.3	90.8
≥ 1500		49.7	55.1	55.1	67.3	71.4	79.4	86.2	87.7	89.0	90.3	90.5	91.0	91.2	91.8	92.3
≥ 1200		49.9	55.3	55.3	67.5	71.6	79.6	86.7	88.2	89.5	90.8	91.0	91.4	91.8	92.3	92.7
≥ 1000		50.1	55.7	55.7	68.2	72.3	80.2	87.5	89.2	90.5	91.8	92.0	92.5	92.7	93.3	93.8
≥ 900		50.1	55.7	55.7	68.2	72.3	80.6	88.0	89.7	91.4	92.7	92.9	93.5	93.6	94.4	94.8
≥ 800		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.3	92.3	93.5	93.8	94.4	94.6	95.3	95.7
≥ 700		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.5	92.9	94.4	94.6	95.3	95.5	96.1	96.6
≥ 600		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.5	92.9	94.6	94.8	95.5	95.7	96.6	97.6
≥ 500		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.5	92.9	94.6	94.8	95.5	95.7	96.6	97.6
≥ 400		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.5	92.9	94.6	94.8	95.5	95.7	96.6	97.6
≥ 300		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.5	92.9	94.6	94.8	95.5	95.7	96.6	97.6
≥ 200		50.3	55.9	55.9	68.8	72.9	81.3	88.6	90.5	92.9	94.6	94.8	95.5	95.7	96.6	97.6
≥ 100		50.3	55.9	55.9	68.8	73.1	81.5	88.8	90.8	93.1	94.8	95.1	95.7	96.1	97.4	99.8
≥ 0		50.3	55.9	55.9	68.8	73.1	81.5	88.8	90.8	93.1	94.8	95.1	95.7	96.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43274
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		30.0	35.5	35.5	40.7	43.9	46.3	48.4	49.3	50.3	50.4	50.8	50.8	50.8	50.8	50.8
≥ 20000		34.4	41.1	41.1	47.8	51.0	53.8	56.1	57.2	58.0	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000		35.3	41.5	41.5	48.0	52.2	55.5	58.0	58.9	59.8	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000		35.8	42.2	42.2	49.7	52.9	56.5	59.1	60.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000		32.2	46.1	46.1	54.0	57.2	60.8	63.4	64.4	65.3	65.9	66.1	66.0	66.0	66.0	66.0
≥ 12000		41.5	49.0	49.0	57.6	61.8	64.7	67.5	68.5	69.4	70.0	70.2	70.2	70.2	70.2	70.2
≥ 10000		41.8	49.3	49.3	58.0	61.2	65.5	68.3	69.2	70.2	70.7	70.9	70.9	70.9	70.9	70.9
≥ 8000		44.3	51.8	51.8	61.4	64.5	68.9	71.7	72.6	73.5	74.1	74.3	74.3	74.3	74.3	74.3
≥ 7000		45.6	53.7	53.7	63.4	66.6	70.9	73.9	74.9	75.8	76.4	76.5	76.5	76.5	76.5	76.5
≥ 6000		45.8	53.8	53.8	63.6	66.8	71.1	74.1	75.1	76.0	76.5	76.7	76.7	76.7	76.7	76.7
≥ 5000		46.2	54.2	54.2	64.4	67.5	71.9	74.9	75.8	76.7	77.2	77.5	77.5	77.5	77.5	77.5
≥ 4500		46.3	54.4	54.4	64.5	67.7	72.0	75.0	76.1	76.9	77.5	77.7	77.7	77.7	77.7	77.7
≥ 4000		47.7	55.9	55.9	66.2	69.4	73.9	76.9	77.9	78.8	79.4	79.5	79.5	79.5	79.5	79.5
≥ 3500		49.7	58.0	58.0	68.7	71.9	76.4	79.4	80.3	81.2	81.8	82.0	82.0	82.0	82.0	82.0
≥ 3000		54.2	62.9	62.9	74.5	77.9	82.4	85.7	86.7	87.6	88.2	88.4	88.4	88.4	88.4	88.4
≥ 2500		55.3	64.2	64.2	76.4	79.9	84.4	87.8	88.7	89.7	90.2	90.4	90.4	90.4	90.4	90.4
≥ 2000		57.0	65.9	65.9	78.6	82.9	87.4	91.4	92.3	93.2	93.8	94.0	94.0	94.0	94.0	94.0
≥ 1800		57.2	66.2	66.2	79.2	83.5	88.2	92.1	93.1	94.0	94.6	94.7	94.7	94.7	94.7	94.7
≥ 1600		57.4	66.6	66.6	79.5	83.9	88.6	92.5	93.4	94.4	94.9	95.1	95.1	95.1	95.1	95.1
≥ 1400		57.6	66.8	66.8	80.5	84.8	89.7	94.2	95.1	96.1	96.6	96.8	96.8	96.8	96.8	96.8
≥ 1200		57.8	67.0	67.0	80.7	85.2	90.1	94.6	95.5	96.6	97.2	97.4	97.6	97.6	97.6	97.6
≥ 1000		58.0	67.2	67.2	80.9	85.6	90.4	94.9	95.9	97.2	97.7	97.9	98.3	98.3	98.3	98.3
≥ 800		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.7	98.3	98.5	98.9	98.9	98.9	98.9
≥ 600		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.9	98.7	99.1	99.6	99.8	99.8	99.8
≥ 400		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.9	98.7	99.1	99.6	99.8	99.8	99.8
≥ 300		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.9	98.7	99.1	99.6	99.8	99.8	99.8
≥ 200		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.9	98.7	99.1	99.6	99.8	99.8	99.8
≥ 100		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.9	98.7	99.1	99.6	99.8	99.8	99.8
≥ 0		58.0	67.2	67.2	80.9	85.6	90.4	95.3	96.2	97.9	98.7	99.1	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 533

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47079
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 2000		46.3	49.7	49.7	51.5	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 1800		56.6	59.7	59.7	61.7	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 1600		57.6	61.9	61.9	62.9	63.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 1400		57.6	61.1	61.1	63.3	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1200		59.5	62.7	62.7	65.0	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1000		62.9	65.2	65.2	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 800		66.6	70.7	70.7	73.3	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 600		63.0	71.9	71.9	74.5	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 500		71.5	75.6	75.6	78.4	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 400		72.7	76.8	76.8	79.6	80.2	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 300		73.3	77.4	77.4	80.4	81.1	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 200		73.9	78.0	78.0	81.1	81.7	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 100		73.9	78.0	78.0	81.1	81.7	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 0		76.6	80.7	80.7	83.7	84.3	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000		77.6	81.7	81.7	85.1	85.7	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900		81.3	85.9	85.9	89.6	90.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800		83.5	88.4	88.4	92.1	92.9	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700		85.1	90.0	90.0	93.7	94.5	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600		85.9	91.0	91.0	95.1	95.9	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500		86.6	92.3	92.3	96.5	97.4	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400		86.6	92.7	92.7	96.7	97.6	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		86.6	92.9	92.9	96.9	97.8	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		87.0	93.1	93.1	97.1	98.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		87.0	93.1	93.1	97.1	98.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.2	93.3	93.3	97.4	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 491

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20
NO CEILING		51.7	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 2000		62.6	63.5	63.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 1800		63.7	64.6	64.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1600		63.7	64.6	64.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1400		64.2	65.1	65.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1200		67.1	68.1	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1000		71.8	73.2	73.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 900		74.1	75.5	75.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 800		77.3	79.3	79.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 700		79.3	82.0	82.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 600		79.3	82.0	82.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 500		81.0	82.7	82.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 450		80.4	83.1	83.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 400		84.7	86.7	86.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 350		85.6	88.5	88.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 300		89.6	91.4	93.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 250		90.5	94.1	94.1	98.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200		91.7	95.3	95.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 180		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 160		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 140		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 120		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 90		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 70		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.9	95.5	95.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43074
STATION

YONGSAN AB KC
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		78.0	41.0	41.0	44.4	45.9	47.9	49.3	49.7	51.0	50.3	50.3	57.4	50.4	50.6	50.7
≥ 20000		45.2	48.7	48.7	53.0	54.5	56.9	58.6	59.1	59.4	59.9	59.9	67.0	60.0	60.2	60.3
≥ 18000		45.9	49.5	49.5	53.9	55.4	57.8	59.6	60.1	60.4	60.8	60.8	67.9	61.0	61.1	61.3
≥ 16000		46.0	49.6	49.6	54.1	55.6	58.2	60.0	60.5	60.8	61.3	61.3	61.4	61.4	61.6	61.7
≥ 14000		46.8	50.5	50.5	55.0	56.5	59.3	61.1	61.7	62.0	62.4	62.4	62.5	62.5	62.7	62.8
≥ 12000		50.1	53.9	53.9	58.9	60.4	63.1	65.0	65.5	65.9	66.4	66.5	66.6	66.6	66.8	66.9
≥ 10000		53.4	57.8	57.8	63.2	64.8	67.7	69.7	70.3	70.7	71.1	71.2	71.3	71.4	71.5	71.7
≥ 9000		54.3	58.7	58.7	64.3	65.9	68.9	70.9	71.5	71.9	72.3	72.4	72.5	72.6	72.7	72.8
≥ 8000		57.2	61.8	61.8	67.8	69.5	72.5	74.5	75.1	75.4	75.9	76.0	76.1	76.2	76.3	76.4
≥ 7000		53.6	63.6	63.6	69.7	71.3	74.3	76.6	77.1	77.5	78.0	78.1	78.2	78.2	78.4	78.5
≥ 6000		59.0	64.0	64.0	70.3	72.0	75.0	77.2	77.8	78.1	78.6	78.7	78.8	78.8	79.0	79.1
≥ 5000		59.4	64.5	64.5	70.9	72.5	75.5	77.8	78.3	78.7	79.2	79.3	79.4	79.4	79.6	79.7
≥ 4500		59.6	64.6	64.6	71.1	72.7	75.7	78.0	78.5	78.9	79.4	79.5	79.6	79.7	79.8	79.9
≥ 4000		61.9	66.9	66.9	73.5	75.1	78.2	80.4	81.0	81.4	81.8	81.9	82.0	82.1	82.3	82.4
≥ 3500		63.5	68.6	68.6	75.4	77.1	80.1	82.4	82.9	83.3	83.8	83.9	84.0	84.1	84.2	84.3
≥ 3000		67.7	73.2	73.2	80.5	82.5	85.6	87.9	88.5	89.0	89.4	89.5	89.7	89.7	89.9	90.0
≥ 2500		69.0	74.7	74.7	82.5	84.6	87.8	90.3	90.9	91.5	91.9	92.0	92.1	92.2	92.3	92.4
≥ 2000		70.3	76.1	76.1	84.3	86.8	90.0	92.9	93.5	94.1	94.5	94.6	94.7	94.8	94.9	95.0
≥ 1800		70.6	76.5	76.5	84.9	87.4	90.7	93.5	94.2	94.7	95.2	95.3	95.4	95.4	95.6	95.7
≥ 1500		70.9	77.0	77.0	85.5	88.0	91.4	94.4	95.1	95.6	96.3	96.1	96.2	96.3	96.4	96.5
≥ 1200		70.9	77.1	77.1	85.7	88.2	91.6	94.8	95.4	96.0	96.4	96.5	96.6	96.7	96.8	96.9
≥ 1000		71.1	77.3	77.3	86.1	88.6	92.0	95.3	96.0	96.5	97.0	97.1	97.2	97.3	97.4	97.5
≥ 900		71.1	77.4	77.4	86.1	88.8	92.1	95.4	96.1	96.6	97.1	97.2	97.4	97.4	97.6	97.7
≥ 800		71.2	77.4	77.4	86.2	88.7	92.2	95.6	96.2	96.9	97.4	97.5	97.7	97.8	97.9	98.0
≥ 700		71.3	77.6	77.6	86.4	89.0	92.6	95.9	96.5	97.4	97.8	97.9	98.2	98.2	98.4	98.5
≥ 600		71.3	77.6	77.6	86.4	89.0	92.6	96.0	96.7	97.7	98.2	98.3	98.6	98.6	98.8	98.9
≥ 500		71.3	77.6	77.6	86.4	89.0	92.6	96.0	96.7	97.7	98.2	98.3	98.7	98.8	99.0	99.1
≥ 400		71.3	77.6	77.6	86.4	89.0	92.6	96.0	96.7	97.7	98.3	98.5	98.8	98.9	99.1	99.4
≥ 300		71.3	77.6	77.6	86.4	89.0	92.6	96.0	96.7	97.7	98.3	98.5	98.8	98.9	99.3	99.6
≥ 200		71.3	77.6	77.6	86.4	89.0	92.6	96.0	96.7	97.7	98.3	98.5	98.8	99.0	99.3	99.9
≥ 100		71.3	77.6	77.6	86.4	89.1	92.6	96.0	96.7	97.8	98.4	98.6	98.9	99.0	99.4	99.9
≥ 0		71.3	77.6	77.6	86.4	89.1	92.6	96.0	96.7	97.8	98.4	98.6	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1233

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43-74
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	27.8	32.6	32.6	41.5	43.2	47.4	50.7	51.6	52.0	52.3	53.1	53.3	53.5	53.9	54.1	
≥ 18000 ≥ 16000	29.7	34.4	34.9	45.3	46.9	51.2	55.4	56.4	56.3	57.7	57.9	58.1	58.3	58.7	58.9	
≥ 14000 ≥ 12000	29.9	35.2	35.2	45.5	47.2	51.4	55.6	56.4	57.1	57.9	58.1	58.3	58.5	58.9	59.2	
≥ 10000 ≥ 8000	29.9	35.4	35.4	45.7	47.4	51.8	56.0	57.1	57.5	58.3	58.5	58.7	58.9	59.4	59.6	
≥ 6000 ≥ 4000	29.9	35.4	35.4	45.7	47.4	51.8	56.0	57.1	57.5	58.3	58.5	58.7	58.9	59.4	59.6	
≥ 3000 ≥ 2000	31.7	36.4	36.4	46.7	48.4	53.1	58.3	59.4	59.8	60.0	61.1	61.3	61.5	61.9	62.3	
≥ 1000 ≥ 500	31.4	37.3	37.3	48.4	50.3	55.2	60.8	61.9	62.3	63.4	63.6	63.8	64.1	64.4	64.6	
≥ 800 ≥ 600	32.8	38.7	38.7	50.1	52.4	57.7	63.6	64.6	65.1	66.1	66.3	66.5	66.7	67.2	67.6	
≥ 400 ≥ 200	35.2	41.7	41.7	53.5	56.6	62.7	68.6	69.7	70.1	71.2	71.4	71.6	71.8	72.2	72.6	
≥ 100 ≥ 50	35.6	42.1	42.1	53.9	57.1	63.4	69.5	70.5	70.9	72.1	72.2	72.4	72.6	73.1	73.5	
≥ 20 ≥ 10	35.6	42.1	42.1	53.9	57.1	63.4	69.5	70.5	70.9	72.1	72.2	72.4	72.6	73.1	73.5	
≥ 5 ≥ 0	36.4	43.2	43.2	55.4	58.6	64.8	70.9	72.1	72.4	73.5	73.7	73.9	74.1	74.5	74.9	
≥ 0	36.4	43.2	43.2	55.4	58.6	64.8	70.9	72.1	72.4	73.5	73.7	73.9	74.1	74.5	74.9	
≥ 0	38.1	44.8	44.8	57.5	60.8	67.4	73.5	74.5	75.4	76.8	77.1	77.3	77.5	78.1	78.5	
≥ 0	40.8	48.3	48.3	62.1	65.7	72.6	79.6	80.5	81.9	83.8	84.1	84.4	84.6	85.3	85.9	
≥ 0	41.1	49.1	49.1	62.9	66.5	73.5	80.4	81.7	82.7	84.6	84.8	85.5	85.7	86.3	86.9	
≥ 0	41.1	49.3	49.3	64.0	67.6	74.7	81.7	82.9	84.0	85.9	86.1	86.7	86.9	87.6	88.2	
≥ 0	41.1	49.3	49.3	64.0	67.6	74.7	81.7	82.9	84.0	85.9	86.1	86.7	86.9	87.6	88.2	
≥ 0	41.7	49.9	49.9	64.6	68.2	75.8	83.2	84.4	85.5	87.8	88.0	88.6	88.8	89.5	90.1	
≥ 0	41.7	49.9	49.9	64.6	68.2	75.8	83.2	84.4	85.5	87.8	88.0	88.6	88.8	89.5	90.1	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.0	85.3	86.5	89.5	89.7	90.3	90.5	91.2	92.0	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.0	85.3	86.5	89.5	89.7	90.3	90.5	91.2	92.0	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.2	85.5	86.7	89.7	89.9	90.5	90.7	91.4	92.2	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.4	85.9	87.2	90.1	90.3	90.9	91.2	91.8	92.5	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.6	86.1	87.4	90.3	90.5	91.4	91.6	92.2	93.3	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.6	86.1	87.4	90.3	90.5	91.4	91.6	92.2	93.3	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.6	86.1	87.4	90.3	90.5	91.4	91.8	92.6	94.3	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.6	86.1	87.4	90.3	90.5	91.4	91.8	92.6	96.8	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.6	86.1	87.4	90.3	90.5	91.4	91.8	92.6	99.6	
≥ 0	41.7	49.9	49.9	65.1	68.6	76.2	84.6	86.1	87.4	90.3	90.5	91.4	91.8	92.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 475

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4175
STATION

YONGJIAN AP KO

STATION NAME

73-79

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7-9-1979
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/4	≥0
≥10000		31.7	35.9	35.9	45.4	49.5	55.3	57.0	57.4	56.7	59.9	59.9	59.9	59.9	60.0	60.0
≥8000		32.4	33.2	33.2	41.0	52.5	53.7	60.7	61.1	62.6	63.7	63.9	64.1	64.1	64.2	64.2
≥6000		33.3	32.1	39.1	49.0	53.4	59.6	61.8	62.2	63.7	64.8	65.2	65.4	65.4	65.7	65.7
≥4000		33.3	39.1	39.1	49.7	53.4	59.6	61.8	62.2	63.7	64.8	65.2	65.4	65.4	65.7	65.7
≥2000		33.7	39.7	39.7	49.7	54.2	61.3	62.6	62.9	64.4	65.5	65.9	66.1	66.1	66.5	66.5
≥1000		35.4	41.5	41.5	52.1	56.6	63.1	65.7	66.1	67.6	68.7	69.1	69.5	69.5	69.8	69.8
≥800		37.1	43.9	43.8	55.5	60.9	68.5	71.3	71.9	73.0	74.9	75.2	75.6	75.6	76.0	76.0
≥600		38.9	45.6	45.6	57.4	62.8	70.4	73.2	73.7	75.4	76.7	77.1	77.5	77.5	77.8	77.8
≥500		41.0	47.9	47.9	60.3	66.3	74.1	77.1	77.7	79.5	80.8	81.2	81.6	81.6	81.9	81.9
≥400		41.2	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥300		41.2	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥200		41.2	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥150		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥100		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥75		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥50		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥25		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥10		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥5		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥2		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥1		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3
≥0		41.3	49.7	49.0	60.5	66.5	74.3	77.3	77.8	79.9	81.2	81.6	81.9	81.9	82.3	82.3

TOTAL NUMBER OF OBSERVATIONS 537

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

40079
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0
NO CEILING ≥ 20000		47.8	57.6	58.0	57.1	58.5	59.3	60.0	60.0	60.0	60.4	60.4	60.4	60.4	60.4
≥ 18000		53.3	56.7	56.7	63.6	65.0	65.9	66.5	66.5	66.5	66.9	66.9	66.9	66.9	66.9
≥ 16000		53.5	56.9	56.9	63.8	65.2	66.3	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7
≥ 14000		53.7	57.1	57.1	64.2	65.7	66.7	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1
≥ 12000		53.9	57.5	57.5	64.6	66.1	67.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5
≥ 10000		57.1	61.0	61.0	63.5	69.9	71.1	72.2	72.4	72.4	72.8	72.8	72.8	72.8	72.8
≥ 9000		61.2	65.0	65.0	73.4	75.0	76.8	77.3	78.7	78.0	78.5	78.5	78.5	78.5	78.5
≥ 8000		62.8	66.9	66.9	75.2	76.8	78.9	79.9	80.1	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000		65.2	70.1	70.1	78.9	80.7	82.7	83.9	84.1	84.1	84.6	84.6	84.6	84.6	84.6
≥ 6000		66.3	71.1	71.1	80.3	82.1	84.3	85.6	85.8	85.8	86.2	86.2	86.2	86.2	86.2
≥ 5000		67.5	72.4	72.4	81.7	83.5	85.8	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.6
≥ 4500		67.5	72.4	72.4	81.7	83.5	85.8	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.6
≥ 4000		69.9	74.8	74.8	84.3	86.2	88.6	89.8	90.0	90.0	90.4	90.4	90.4	90.4	90.4
≥ 3500		71.1	76.0	76.0	85.6	87.6	90.0	91.3	91.5	91.7	92.1	92.1	92.1	92.1	92.1
≥ 3000		74.2	79.3	79.3	89.0	91.1	93.7	94.9	95.1	95.3	95.7	95.7	95.7	95.7	95.7
≥ 2500		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 2000		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 1500		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 1200		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 1000		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 900		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 800		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 700		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 600		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 500		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 400		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 300		75.8	80.9	80.9	90.9	93.7	96.3	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8
≥ 200		76.0	81.1	81.1	91.5	94.3	97.0	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100		76.0	81.1	81.1	91.5	94.3	97.0	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0		76.0	81.1	81.1	91.5	94.3	97.0	98.8	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 492

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

40774
STATION

YONGSAW AR KO
STATION NAME

73-79
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 7-1700
MONTH
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14
≥ 20000	53.8	55.7	56.0	57.2	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	55.4	62.6	62.6	64.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	61.4	63.5	63.5	65.9	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	61.4	64.3	64.3	66.7	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	63.8	67.5	67.5	70.3	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	68.6	73.2	73.2	76.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	75.9	75.1	75.1	79.5	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	74.4	79.2	79.2	82.6	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	76.1	81.2	81.2	84.8	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	76.1	81.2	81.2	84.8	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	76.3	81.4	81.4	85.5	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	76.3	81.4	81.4	85.5	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	76.3	81.4	81.4	85.5	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	79.0	84.1	84.1	88.9	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	83.6	88.6	88.6	93.5	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	84.1	89.1	89.1	94.7	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1600	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1400	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	84.8	89.9	89.9	95.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 414

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43274
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

707
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO. OF ≥ 2000		39.3	47.3	43.2	50.0	52.1	55.0	56.5	56.4	57.2	57.0	57.9	58.7	58.1	58.2	58.2
≥ 1800		42.9	47.4	47.4	54.8	57.1	60.2	61.9	62.3	62.3	63.5	63.6	63.7	63.7	63.9	63.9
≥ 1600		43.5	49.0	48.0	55.6	57.9	61.0	62.9	63.3	63.9	64.5	64.7	64.8	64.8	65.0	65.1
≥ 1400		43.5	49.2	48.2	55.9	58.2	61.4	63.3	63.7	64.2	64.9	65.0	65.1	65.2	65.4	65.4
≥ 1200		43.7	48.5	48.5	56.2	58.5	61.7	63.6	64.1	64.5	65.2	65.3	65.4	65.5	65.7	65.8
≥ 1000		45.8	50.9	50.9	53.9	61.3	64.7	66.9	67.4	67.9	68.6	68.8	68.9	69.0	69.2	69.3
≥ 800		46.6	54.0	54.0	62.8	65.5	69.5	71.9	72.4	73.0	73.8	73.9	74.1	74.1	74.3	74.5
≥ 600		50.4	55.7	55.7	64.7	67.6	71.7	74.2	74.7	75.3	76.1	76.2	76.3	76.4	76.6	76.7
≥ 400		53.0	59.8	59.8	69.2	71.5	75.9	78.5	78.9	79.6	80.3	80.5	80.7	80.7	80.9	81.0
≥ 200		53.8	59.6	59.6	69.2	72.5	77.0	79.6	80.1	80.8	81.5	81.7	81.9	81.9	82.1	82.2
≥ 100		54.3	62.3	60.3	70.1	73.4	77.9	80.6	81.1	81.8	82.5	82.6	82.8	82.8	83.1	83.2
≥ 50		54.4	60.3	60.3	70.2	73.5	77.9	80.6	81.1	81.8	82.5	82.7	82.8	82.9	83.1	83.2
≥ 25		55.3	61.8	61.8	72.1	75.4	80.1	82.8	83.3	84.1	84.3	85.1	85.1	85.2	85.5	85.6
≥ 12.5		56.9	62.9	62.9	73.1	76.6	81.4	84.0	84.5	85.5	86.3	86.5	86.7	86.8	87.0	87.1
≥ 6.25		59.8	66.4	66.4	77.2	80.8	85.8	88.7	89.3	90.3	91.3	91.5	91.7	91.8	92.0	92.2
≥ 3.125		60.8	67.3	67.3	78.5	82.3	87.4	90.4	90.9	91.9	93.0	93.2	93.4	93.5	93.7	93.9
≥ 1.5625		61.2	67.8	67.8	79.1	83.0	88.1	91.1	91.7	92.7	93.8	94.0	94.3	94.3	94.6	94.7
≥ 780		61.2	67.8	67.8	79.1	83.0	88.1	91.2	91.7	92.8	93.8	94.1	94.3	94.4	94.6	94.8
≥ 600		61.2	67.8	67.8	79.2	83.1	88.3	91.6	92.2	93.3	94.6	94.8	95.0	95.1	95.4	95.5
≥ 400		61.3	67.9	67.9	79.4	83.3	88.6	92.1	92.8	93.8	95.2	95.4	95.7	95.7	96.0	96.1
≥ 200		61.4	68.0	68.0	79.8	83.6	88.9	92.5	93.2	94.4	95.8	96.1	96.4	96.5	96.7	96.9
≥ 100		61.4	68.0	68.0	79.8	83.6	88.9	92.6	93.3	94.5	96.0	96.2	96.6	96.6	96.9	97.1
≥ 50		61.4	68.0	68.0	79.8	83.6	88.9	92.6	93.3	94.5	96.0	96.3	96.6	96.7	96.9	97.1
≥ 25		61.4	68.0	68.0	79.8	83.6	88.9	92.8	93.4	94.6	96.2	96.5	96.8	96.8	97.1	97.3
≥ 12.5		61.4	68.0	68.0	79.8	83.6	88.9	92.8	93.5	94.7	96.3	96.6	96.9	97.3	97.3	97.5
≥ 6.25		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.8	96.4	96.8	97.1	97.2	97.5	97.8
≥ 3.125		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.8	96.4	96.8	97.1	97.2	97.7	98.3
≥ 1.5625		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0
≥ 780		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0
≥ 600		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0
≥ 400		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0
≥ 200		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0
≥ 100		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0
≥ 50		61.4	68.0	68.0	79.8	83.6	88.9	92.9	93.6	94.9	96.5	96.8	97.2	97.3	97.8	99.0

TOTAL NUMBER OF OBSERVATIONS 1914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4 774
STATION

YONGSAN AB KU
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥1
NO RECORD		35.1	37.6	37.6	46.5	48.0	51.0	53.1	53.8	55.8	57.3	57.8	57.7	57.9	57.9	58.0
≥ 2000		37.1	39.7	39.7	49.3	51.0	54.3	56.4	56.9	59.2	60.7	60.9	61.1	61.3	61.3	61.9
≥ 1800		37.2	40.1	40.0	49.5	51.2	54.5	56.7	57.1	59.4	60.9	61.1	61.3	61.5	61.5	62.2
≥ 1600		37.4	40.2	40.2	49.7	51.4	54.8	56.9	57.3	59.6	61.1	61.3	61.5	61.7	61.7	62.4
≥ 1400		37.4	40.2	40.2	49.9	51.6	55.7	57.1	57.5	59.8	61.3	61.5	61.7	61.9	61.9	62.6
≥ 1200		37.8	40.3	40.8	50.7	52.4	56.0	58.6	59.2	61.5	63.1	63.2	63.4	63.6	63.6	64.3
≥ 1000		39.7	42.7	42.7	52.9	54.5	58.1	60.9	61.5	64.3	66.1	66.2	66.4	66.6	66.8	67.4
≥ 900		40.4	43.3	43.3	53.7	55.4	59.2	61.9	62.6	65.3	67.7	67.2	67.4	67.7	67.7	68.3
≥ 800		43.1	46.3	46.3	56.9	58.9	62.4	65.1	65.8	68.7	71.6	71.8	71.9	71.2	71.5	72.1
≥ 700		44.0	47.1	47.1	57.7	59.4	63.2	66.0	66.6	69.6	71.5	71.7	71.9	72.1	72.3	72.9
≥ 600		44.0	47.1	47.1	57.7	59.4	63.2	66.0	66.6	69.6	71.5	71.7	71.9	72.1	72.3	72.9
≥ 500		44.2	47.4	47.4	57.9	59.6	63.4	66.2	66.8	69.9	71.7	71.9	72.1	72.3	72.5	73.2
≥ 450		45.0	48.4	48.4	59.0	60.7	64.5	67.2	67.9	71.8	72.7	72.9	73.2	73.4	73.6	74.2
≥ 400		47.1	50.5	50.5	61.9	63.8	67.7	70.4	71.0	74.0	76.1	76.3	76.5	76.7	77.7	77.6
≥ 350		49.3	53.5	53.5	65.5	67.4	71.9	74.8	75.5	78.4	80.5	80.8	81.0	81.2	81.4	82.1
≥ 300		54.5	59.6	59.6	72.9	75.5	80.1	83.3	83.9	86.9	89.0	89.2	89.4	89.9	90.1	90.7
≥ 250		55.6	60.9	60.9	74.6	77.6	82.7	86.0	86.7	89.6	91.8	92.0	92.2	92.6	92.9	93.4
≥ 200		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 180		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 160		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 140		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 120		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 100		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 90		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 80		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 70		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 60		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 50		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 40		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 30		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 20		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 10		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6
≥ 0		55.8	61.3	61.3	75.3	78.4	83.5	86.9	87.5	90.5	92.6	93.0	93.4	93.9	94.1	94.6

TOTAL NUMBER OF OBSERVATIONS 473

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

958-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 10000	31.5	35.4	35.4	43.3	46.1	49.1	51.5	52.4	54.3	55.2	55.6	56.4	56.6	56.7	56.7	56.7
≥ 8000	33.1	36.3	36.3	44.9	47.3	50.9	54.1	55.1	57.3	58.2	58.6	59.4	59.8	59.9	59.9	59.9
≥ 6000	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 4000	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 2000	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1000	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 800	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 600	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 400	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 300	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 200	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 100	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 50	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 20	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 10	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 5	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 2	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1/2	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1/4	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1/8	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1/16	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7
≥ 1/32	33.1	37.3	37.3	45.5	48.3	51.5	54.7	55.6	57.9	58.8	59.2	59.9	60.1	60.5	60.7	60.7

TOTAL NUMBER OF OBSERVATIONS 534

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

STATION
4-779

STATION NAME
YONGJIAN AR KC

YEARS
73-79

MONTH
NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12.0-14.0
HOURS (L.S.T.)

ELEVATION FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
≥ 20000	41.6	45.0	45.0	54.6	55.2	57.2	58.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	43.2	47.8	47.8	58.4	59.2	61.4	63.3	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	44.0	48.0	48.0	59.6	61.8	63.7	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	44.2	48.2	48.2	59.0	60.0	62.2	64.1	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	44.3	49.3	49.2	61.0	61.3	63.3	65.1	65.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	46.0	50.2	52.0	61.8	62.9	65.1	66.9	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	47.6	53.0	53.0	64.9	66.1	68.5	70.5	70.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	48.6	54.2	54.2	66.5	67.7	70.3	72.5	72.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	51.0	56.4	56.4	69.9	71.3	73.9	76.1	76.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	52.6	59.9	58.8	71.9	73.3	75.9	78.1	78.5	79.7	79.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5500	52.8	59.0	59.0	72.1	73.5	76.1	78.3	78.7	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	53.2	59.4	59.6	72.7	74.1	76.7	78.9	79.3	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	53.4	59.6	59.8	72.9	74.3	76.9	79.1	79.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	55.8	62.7	62.7	75.9	77.3	79.9	82.1	82.5	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	57.6	64.7	64.7	78.5	79.9	82.7	84.9	85.3	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	61.4	63.9	68.9	83.5	85.5	89.0	91.4	91.8	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	63.7	71.1	71.1	85.9	88.2	91.8	94.2	94.6	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	63.9	71.9	71.9	86.9	89.2	93.0	95.6	96.0	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	64.1	72.1	72.1	87.1	89.4	93.2	95.8	96.2	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	64.5	72.5	72.5	87.5	89.8	93.6	96.2	96.6	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	64.5	72.5	72.5	87.5	90.0	93.8	96.4	97.7	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	64.5	72.5	72.5	87.5	90.0	93.8	96.4	97.7	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	64.5	72.5	72.5	87.5	90.2	94.0	96.6	97.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 495

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

STATION
47779

YONGSAN AB KO

73-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 2-17 00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 2000	49.4	52.0	52.0	51.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1800	53.6	56.6	56.6	62.4	53.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1600	54.1	57.1	57.1	62.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 1400	55.4	58.4	58.4	64.7	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1200	57.7	61.7	66.7	67.2	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1000	60.7	63.7	63.7	70.9	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 900	62.1	65.1	65.1	72.3	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 800	63.0	66.1	66.1	74.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 700	64.2	67.4	67.4	75.8	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	64.4	67.7	67.7	76.0	73.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	64.7	67.9	67.9	76.2	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	65.4	68.6	68.6	76.9	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	67.0	70.4	70.4	79.9	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	69.5	73.0	73.0	82.4	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	74.6	78.1	78.1	88.5	91.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	76.7	80.1	80.1	91.0	93.8	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	76.9	80.4	80.4	91.9	94.7	95.6	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	77.1	80.6	80.6	92.1	94.9	95.8	96.1	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1600	77.1	80.6	80.6	92.4	95.2	96.3	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1400	77.1	80.6	80.6	92.6	95.4	97.7	97.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	77.1	80.6	80.6	92.6	95.4	97.7	97.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	77.1	80.6	80.6	92.6	95.4	97.7	97.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	77.4	80.8	80.8	92.8	95.6	97.2	97.5	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	77.4	80.8	80.8	93.1	95.8	97.5	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	77.4	80.8	80.8	93.1	95.8	97.5	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	77.4	80.8	80.8	93.1	95.8	97.5	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	77.4	80.8	80.8	93.1	96.1	97.7	98.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	77.4	80.8	80.8	93.1	96.1	97.7	98.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	77.4	80.8	80.8	93.1	96.1	97.7	98.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	77.4	80.8	80.8	93.1	96.1	97.7	98.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	77.4	80.8	80.8	93.1	96.1	97.7	98.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	77.4	80.8	80.8	93.1	96.1	97.7	98.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 433

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4079
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NOT RECORDED																
≥ 20000		39.0	42.1	42.1	40.9	51.4	53.6	55.1	55.4	56.7	57.3	57.5	57.7	57.6	57.9	58.1
≥ 18000		41.3	44.2	44.8	53.4	55.1	57.4	59.2	59.6	61.1	61.7	61.8	62.1	62.2	62.3	62.5
≥ 16000		41.6	45.1	45.1	53.8	55.5	57.8	59.6	60.1	61.5	62.1	62.2	62.5	62.6	62.7	62.9
≥ 14000		41.7	45.2	45.2	53.9	55.6	57.9	59.8	60.2	61.6	62.2	62.4	62.6	62.7	62.8	63.1
≥ 12000		42.3	45.9	45.9	54.9	56.6	59.9	60.8	61.2	62.6	63.2	63.4	63.6	63.7	63.8	64.0
≥ 10000		43.4	47.2	47.2	56.3	58.2	60.6	62.8	63.1	64.6	65.3	65.4	65.7	65.8	65.9	66.1
≥ 9000		45.4	49.4	49.4	59.0	61.1	63.7	66.0	66.5	68.2	69.1	69.2	69.5	69.6	69.8	70.1
≥ 8000		46.6	50.7	50.7	60.5	62.6	65.3	67.8	68.3	70.0	70.8	71.0	71.3	71.4	71.5	71.7
≥ 7000		48.8	53.1	53.1	63.4	65.6	68.4	70.8	71.4	73.2	74.1	74.3	74.6	74.7	74.8	75.0
≥ 6000		49.8	54.4	54.4	64.8	66.9	69.8	72.2	72.7	74.6	75.5	75.7	76.0	76.1	76.3	76.5
≥ 5000		50.0	54.9	54.9	65.0	67.1	70.0	72.4	72.9	74.8	75.7	76.0	76.2	76.3	76.5	76.7
≥ 4500		50.3	54.9	54.9	65.3	67.4	70.3	72.7	73.2	75.1	76.1	76.3	76.5	76.6	76.8	77.0
≥ 4000		50.8	55.5	55.5	65.9	68.1	70.9	73.3	73.9	75.8	76.8	77.0	77.3	77.4	77.6	77.8
≥ 3500		52.9	57.8	57.8	68.7	71.0	73.8	76.3	76.9	78.7	79.8	80.1	80.4	80.5	80.7	80.9
≥ 3000		54.9	60.3	60.3	71.8	74.2	77.3	79.9	80.5	82.5	83.5	83.8	84.1	84.2	84.4	84.6
≥ 2500		59.2	65.1	65.1	77.7	80.6	84.1	87.2	87.6	89.6	90.7	90.9	91.2	91.4	91.5	91.7
≥ 2000		60.9	66.9	66.9	79.7	82.8	86.5	89.5	90.1	92.3	93.4	93.7	94.0	94.2	94.3	94.5
≥ 1800		61.1	67.4	67.4	80.7	84.1	87.7	90.8	91.5	93.6	94.9	95.3	95.6	95.8	95.9	96.2
≥ 1600		61.2	67.5	67.5	80.8	84.1	87.8	90.9	91.6	93.8	95.1	95.4	95.8	95.9	96.1	96.4
≥ 1400		61.4	67.6	67.6	81.0	84.2	88.0	91.1	91.8	94.0	95.3	95.7	96.0	96.2	96.3	96.6
≥ 1200		61.4	67.6	67.6	81.1	84.3	88.2	91.3	92.1	94.3	95.6	96.0	96.3	96.5	96.6	97.0
≥ 1000		61.5	67.8	67.8	81.3	84.6	88.5	91.6	92.4	94.6	96.0	96.3	96.8	97.0	97.1	97.4
≥ 900		61.5	67.8	67.8	81.4	84.7	88.6	91.7	92.5	94.7	96.1	96.4	96.9	97.1	97.2	97.5
≥ 800		61.5	67.8	67.8	81.4	84.7	88.6	91.7	92.5	94.8	96.1	96.5	97.0	97.1	97.3	97.6
≥ 700		61.5	67.8	67.8	81.4	84.7	88.6	91.8	92.6	94.8	96.2	96.5	97.0	97.2	97.3	97.6
≥ 600		61.5	67.9	67.9	81.5	84.8	88.8	91.9	92.7	95.0	96.3	96.7	97.2	97.3	97.5	97.8
≥ 500		61.5	67.9	67.9	81.5	84.8	88.8	92.1	92.8	95.1	96.6	97.1	97.5	97.7	97.9	98.3
≥ 400		61.5	67.9	67.9	81.5	84.8	88.8	92.1	92.8	95.1	96.6	97.1	97.5	97.7	97.9	98.5
≥ 300		61.5	67.9	67.9	81.5	84.8	88.8	92.1	92.8	95.1	96.6	97.1	97.5	97.7	97.9	98.6
≥ 200		61.5	67.9	67.9	81.5	84.8	88.8	92.1	92.8	95.1	96.6	97.1	97.5	97.7	97.9	99.0
≥ 100		61.5	67.9	67.9	81.5	84.8	88.8	92.1	92.8	95.1	96.6	97.1	97.5	97.7	97.9	99.3
≥ 0		61.5	67.9	67.9	81.5	84.8	88.8	92.1	92.8	95.1	96.7	97.1	97.6	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1572

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

42279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000		32.4	36.1	36.1	44.7	46.8	50.3	53.7	54.3	54.9	55.7	56.2	56.2	56.4	56.4	56.6
≥ 1800 ≥ 1500		33.4	37.4	37.4	46.6	48.9	52.4	55.7	56.4	57.0	57.8	58.2	58.2	58.5	58.5	58.7
≥ 1400 ≥ 1200		33.6	37.6	37.6	46.8	49.1	52.6	55.9	56.6	57.2	58.0	58.5	58.5	58.7	58.7	58.9
≥ 1000 ≥ 900		33.6	37.6	37.6	46.8	49.1	52.6	55.9	56.6	57.2	58.0	58.5	58.5	58.7	58.7	58.9
≥ 800 ≥ 700		34.4	39.2	39.2	48.9	51.6	55.5	59.1	57.7	60.3	61.4	61.8	61.8	62.0	62.0	62.2
≥ 600 ≥ 500		34.7	39.5	39.5	49.3	52.2	56.4	59.9	60.5	61.2	62.2	62.6	62.6	62.8	62.8	63.7
≥ 450 ≥ 400		35.7	40.7	40.7	52.8	55.7	60.1	63.9	64.5	65.1	66.4	66.8	66.8	67.1	67.1	67.2
≥ 350 ≥ 300		35.9	40.9	40.9	53.2	56.2	60.5	64.3	64.9	65.6	66.8	67.2	67.2	67.4	67.4	67.6
≥ 250 ≥ 200		36.3	41.3	41.3	53.9	56.8	61.2	64.9	65.6	66.2	67.8	68.3	68.3	68.5	68.5	68.7
≥ 180 ≥ 150		36.3	41.5	41.5	54.1	57.0	61.4	65.1	65.8	66.4	68.1	68.5	68.5	68.7	68.7	68.9
≥ 120 ≥ 100		37.6	43.0	43.0	56.2	59.1	63.5	67.2	67.8	68.5	70.1	70.6	70.6	70.8	70.8	71.0
≥ 90 ≥ 80		38.8	45.3	45.3	60.1	63.3	68.3	72.0	72.7	73.3	74.9	75.4	75.4	75.6	75.6	75.8
≥ 70 ≥ 60		41.8	49.7	49.7	68.5	71.8	77.7	82.5	83.3	84.8	86.4	87.1	87.3	87.5	87.9	88.3
≥ 50 ≥ 40		42.0	50.3	50.3	70.1	73.7	80.2	85.4	86.2	87.7	89.6	90.2	90.6	91.0	91.4	91.9
≥ 30 ≥ 20		42.2	50.5	50.5	70.8	74.7	81.4	86.8	87.7	89.6	91.9	92.5	92.9	93.3	93.7	94.2
≥ 15 ≥ 10		42.2	50.5	50.5	70.8	74.9	81.8	87.3	88.1	90.8	93.1	93.7	94.4	94.8	95.2	95.6
≥ 10 ≥ 5		42.2	50.5	50.5	71.0	75.2	82.0	87.7	88.5	91.2	93.5	94.2	94.8	95.2	95.6	96.2
≥ 5 ≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.5	89.4	92.3	94.6	95.2	95.8	96.2	96.7	97.3
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.5	89.4	92.3	94.8	95.4	96.0	96.5	96.9	97.5
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.7	89.6	92.5	95.1	95.6	96.2	96.7	97.1	97.7
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.2	95.8	96.5	97.1	97.5	98.1
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.2	95.8	96.5	97.1	97.7	98.3
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.6	96.2	96.9	97.5	98.1	98.7
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.6	96.2	96.9	97.5	98.1	98.7
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.6	96.2	96.9	97.7	98.3	99.0
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.6	96.2	96.9	97.7	98.3	99.4
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.6	96.2	96.9	97.7	98.3	99.6
≥ 0		42.2	50.7	50.7	71.2	75.4	82.3	88.9	89.8	92.7	95.6	96.2	96.9	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 479

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		21.7	28.1	26.1	34.5	36.9	43.6	50.1	52.0	54.2	57.0	58.1	58.3	58.3	58.5	58.5
≥ 20000		22.1	27.6	27.6	36.1	38.9	45.4	52.3	54.7	57.2	60.1	61.3	61.5	61.5	61.5	62.1
≥ 18000		22.3	28.1	28.1	36.7	39.1	46.2	53.4	55.9	58.3	61.3	62.4	62.5	62.6	62.8	63.1
≥ 16000		22.3	28.1	28.1	36.7	39.1	46.2	53.4	55.9	58.3	61.3	62.4	62.6	62.6	62.8	63.1
≥ 14000		22.5	28.3	28.3	36.9	39.3	46.4	53.6	56.1	58.5	61.5	62.6	62.8	62.8	62.9	63.3
≥ 12000		23.3	29.1	29.1	37.6	40.0	47.1	54.6	57.0	59.4	62.4	63.5	63.7	63.7	63.9	64.2
≥ 10000		24.6	30.7	30.7	39.9	42.5	49.9	57.5	60.0	62.4	65.4	66.5	66.7	66.7	66.9	67.2
≥ 9000		24.8	30.9	30.9	40.4	43.2	50.7	58.3	60.7	63.1	66.1	67.2	67.4	67.4	67.6	68.1
≥ 8000		25.1	31.5	31.5	41.5	44.3	51.8	59.4	61.8	64.2	67.6	68.7	68.9	68.9	69.1	69.5
≥ 7000		25.3	31.9	31.9	41.9	44.9	52.5	60.1	62.6	65.0	68.3	69.5	69.6	69.6	69.8	70.2
≥ 6000		25.7	32.2	32.2	42.3	45.3	52.9	60.5	62.9	65.4	68.7	69.8	70.0	70.0	70.2	70.6
≥ 5000		25.7	32.2	32.2	42.8	45.8	53.4	61.1	63.5	65.9	69.6	70.8	70.9	70.9	71.1	71.5
≥ 4500		26.1	33.0	33.0	43.6	46.6	54.2	62.0	64.4	66.9	70.6	71.7	71.9	71.9	72.1	72.4
≥ 4000		27.2	34.3	34.3	45.8	49.2	56.8	64.8	67.2	69.6	73.4	74.5	74.7	74.7	74.9	75.2
≥ 3500		27.7	35.0	35.0	46.9	50.3	58.1	66.3	68.7	71.1	74.9	76.0	76.2	76.2	76.4	76.7
≥ 3000		29.4	37.6	37.6	50.8	54.2	62.4	71.3	73.9	78.0	82.1	83.2	84.0	84.0	84.2	84.5
≥ 2500		30.4	38.7	38.7	52.5	56.8	65.7	75.0	77.8	82.1	86.6	87.7	88.8	88.8	89.0	89.4
≥ 2000		31.5	39.9	39.9	53.1	57.5	66.7	76.5	79.3	83.8	88.5	89.6	90.7	90.7	90.9	91.2
≥ 1800		30.5	38.9	38.9	53.1	57.5	66.7	76.5	79.3	83.8	88.5	89.9	91.2	91.2	91.4	91.8
≥ 1500		30.5	38.9	38.9	53.1	57.7	67.2	77.1	79.9	84.4	89.8	91.4	92.9	92.9	93.1	93.5
≥ 1200		30.5	38.9	38.9	53.1	57.7	67.4	77.5	80.3	84.7	90.1	91.8	93.3	93.3	93.5	93.9
≥ 1000		30.5	38.9	38.9	53.1	57.7	67.4	77.8	80.6	85.1	90.9	92.6	94.0	94.0	94.2	94.6
≥ 900		30.5	38.9	38.9	53.3	58.1	67.8	78.2	81.2	85.7	91.4	93.1	94.6	94.6	95.2	95.5
≥ 800		30.5	38.9	38.9	53.3	58.1	67.8	79.1	82.1	86.6	92.6	94.2	95.7	96.1	96.5	96.8
≥ 700		30.5	38.9	38.9	53.3	58.1	67.8	79.1	82.1	86.6	92.7	94.4	95.9	96.5	96.8	97.2
≥ 600		30.5	38.9	38.9	53.3	58.3	68.0	79.3	82.3	86.8	92.9	94.6	96.1	96.6	97.0	97.4
≥ 500		30.5	38.9	38.9	53.3	58.3	68.0	79.3	82.3	86.8	92.9	94.6	96.3	96.8	97.2	97.6
≥ 400		30.5	38.9	38.9	53.3	58.3	68.0	79.3	82.3	86.8	93.1	94.8	96.8	97.4	98.1	98.5
≥ 300		30.5	38.9	38.9	53.3	59.1	68.0	79.3	82.3	86.8	93.1	94.8	96.8	97.6	98.3	99.3
≥ 200		30.5	38.9	38.9	53.3	58.3	68.0	79.3	82.3	86.8	93.1	94.8	96.8	97.6	98.5	99.6
≥ 100		30.5	38.9	38.9	53.3	58.3	68.0	79.3	82.3	86.8	93.1	94.8	96.8	97.6	98.5	99.0
≥ 0		30.5	38.9	38.9	53.3	58.3	68.0	79.3	82.3	86.8	93.1	94.8	96.8	97.6	98.5	99.0

TOTAL NUMBER OF OBSERVATIONS 537

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

47279
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 20000	33.4	37.6	37.6	43.9	51.5	53.9	57.7	58.1	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0
≥ 18000	36.8	41.2	41.2	54.5	56.9	60.2	64.2	64.6	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4
≥ 16000	37.2	41.6	41.6	54.5	57.3	60.8	64.8	65.2	66.6	66.8	66.8	66.8	67.0	67.0	67.0	67.0
≥ 14000	37.2	41.6	41.6	54.5	57.3	60.8	64.8	65.2	66.6	66.8	66.8	66.8	67.0	67.0	67.0	67.0
≥ 12000	37.6	42.1	42.1	54.9	57.7	61.2	65.2	65.6	67.0	67.2	67.2	67.2	67.4	67.4	67.4	67.4
≥ 10000	38.2	42.9	42.9	56.1	59.2	63.0	67.0	67.4	68.8	69.0	69.0	69.0	69.2	69.2	69.2	69.2
≥ 8000	39.8	43.7	43.7	57.3	60.4	64.2	68.2	68.6	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.4
≥ 7000	39.8	44.7	44.7	59.0	62.0	66.0	70.0	70.4	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.2
≥ 6000	40.0	44.9	44.9	59.4	62.8	66.8	70.8	71.2	72.6	72.8	72.8	72.8	73.0	73.0	73.0	73.0
≥ 5000	40.6	45.5	45.5	60.0	63.6	67.6	71.6	72.0	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8
≥ 4500	41.4	46.3	46.3	61.2	64.8	69.0	73.2	73.6	75.1	75.3	75.3	75.3	75.5	75.5	75.5	75.5
≥ 4000	42.3	47.3	47.3	62.2	65.8	70.0	74.2	74.6	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5
≥ 3500	42.7	47.7	47.7	63.4	67.0	71.2	75.9	76.3	77.7	77.9	77.9	77.9	78.1	78.1	78.1	78.1
≥ 3000	43.9	49.1	49.1	65.2	68.8	73.2	78.1	78.5	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3
≥ 2500	45.7	50.9	50.9	68.0	72.2	77.1	83.1	83.7	85.5	85.7	85.7	85.7	85.9	85.9	85.9	85.9
≥ 2000	46.9	52.7	52.7	70.2	74.6	79.9	86.1	86.9	88.7	89.3	89.3	89.3	89.9	89.9	89.9	89.9
≥ 1500	47.5	53.3	53.3	71.2	75.7	81.3	88.3	89.3	91.5	92.4	92.4	92.4	93.0	93.0	93.0	93.0
≥ 1000	47.7	53.5	53.5	71.4	76.1	81.7	88.7	89.7	92.0	92.8	92.8	92.8	93.4	93.4	93.4	93.4
≥ 900	47.9	53.7	53.7	71.8	76.5	82.9	90.1	91.1	93.6	94.8	95.2	96.0	96.2	96.2	96.2	96.2
≥ 800	48.1	53.9	53.9	72.0	76.7	83.3	90.7	91.8	94.2	95.6	96.0	96.8	97.0	97.0	97.0	97.0
≥ 700	48.1	53.9	53.9	72.0	76.7	83.7	91.5	92.6	95.0	96.8	97.2	98.0	98.2	98.2	98.2	98.2
≥ 600	48.1	53.9	53.9	72.0	76.7	83.7	91.8	93.2	95.8	97.6	98.0	98.8	99.0	99.4	99.4	99.4
≥ 500	48.1	53.9	53.9	72.2	76.9	83.9	92.0	93.4	96.0	97.8	98.2	99.0	99.2	99.4	99.8	100.0
≥ 400	48.1	53.9	53.9	72.2	76.9	83.9	92.0	93.4	96.0	97.8	98.2	99.2	99.4	99.8	100.0	100.0
≥ 300	48.1	53.9	53.9	72.2	76.9	83.9	92.0	93.4	96.0	97.8	98.2	99.2	99.4	99.8	100.0	100.0
≥ 200	48.1	53.9	53.9	72.2	76.9	83.9	92.0	93.4	96.0	97.8	98.2	99.2	99.4	99.8	100.0	100.0
≥ 100	48.1	53.9	53.9	72.2	76.9	83.9	92.0	93.4	96.0	97.8	98.2	99.2	99.4	99.8	100.0	100.0
≥ 0	49.1	53.9	53.9	72.2	76.9	83.9	92.0	93.4	96.0	97.8	98.2	99.2	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43.79
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO. CEILING ≥ 20000	51.2	52.9	52.8	58.8	61.1	61.1	62.0	62.0	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	53.0	56.2	56.2	63.4	65.9	65.9	67.3	67.3	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	53.0	56.2	56.2	63.4	65.9	65.9	67.3	67.3	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	53.9	56.7	56.7	64.1	66.6	66.6	68.0	68.0	68.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	54.8	58.3	58.3	65.9	68.9	68.9	70.3	70.3	70.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	55.1	59.0	59.0	67.3	70.3	70.3	71.7	71.7	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	55.5	59.4	59.4	68.2	71.2	71.2	72.6	72.6	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	56.2	60.1	60.1	69.6	72.6	72.6	74.0	74.0	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	56.2	60.1	60.1	69.6	72.6	72.6	74.0	74.0	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	56.7	60.6	60.6	70.0	73.0	73.0	74.4	74.4	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	57.6	61.5	61.5	71.0	74.0	74.0	76.0	76.0	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	59.2	63.1	63.1	72.8	75.8	75.8	77.9	77.9	78.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	60.4	64.7	64.7	74.9	77.9	77.9	80.2	80.2	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	61.5	65.9	65.9	76.0	79.0	79.0	81.3	81.3	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	64.5	69.4	69.4	81.2	83.9	83.9	86.2	86.2	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	66.8	72.4	72.4	84.1	88.5	88.5	91.0	91.0	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	67.3	72.8	72.8	85.0	89.9	89.9	92.4	92.4	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	67.5	73.1	73.1	85.5	89.4	89.4	93.1	93.1	93.5	94.7	94.7	95.2	95.2	95.2	95.2	95.2
≥ 1500	67.7	73.3	73.3	85.9	89.9	89.9	93.5	93.5	94.7	95.6	95.6	96.1	96.1	96.1	96.1	96.1
≥ 1200	68.0	73.5	73.5	86.4	90.6	90.6	91.5	91.5	94.7	95.2	96.1	97.0	97.0	97.5	97.5	97.5
≥ 1000	68.0	73.5	73.5	86.4	90.6	90.6	91.7	91.7	95.2	95.6	96.5	97.9	97.9	98.6	98.6	98.6
≥ 900	68.0	73.5	73.5	86.4	90.6	90.6	91.7	91.7	95.2	95.6	96.5	97.9	97.9	98.8	98.8	98.8
≥ 800	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 700	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 600	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 500	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 400	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 300	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 200	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 100	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0
≥ 0	68.0	73.5	73.5	86.9	91.0	91.0	92.2	92.2	95.6	96.5	97.5	98.8	98.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 434

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

43273
STATION

YONGSAN AB KO
STATION NAME

73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		33.4	37.4	37.4	40.1	43.4	51.8	55.6	56.3	57.6	58.7	59.1	59.2	59.3	59.3	59.4
≥ 2000		35.5	39.2	39.8	49.3	51.8	55.4	59.5	61.4	61.6	62.9	63.3	63.4	63.4	63.5	63.6
≥ 1800		35.7	40.2	40.2	49.7	52.2	55.9	60.0	61.7	62.2	63.4	63.9	63.9	64.1	64.1	64.2
≥ 1600		35.7	40.2	40.2	49.7	52.2	55.9	60.0	61.7	62.2	63.4	63.8	63.9	64.1	64.1	64.2
≥ 1400		35.9	40.3	40.3	49.9	52.4	56.1	60.2	61.2	62.4	63.6	64.0	64.1	64.2	64.3	64.4
≥ 1200		35.6	41.2	41.2	50.8	53.5	57.2	61.4	62.4	63.6	64.9	65.3	65.4	65.4	65.5	65.6
≥ 1000		37.3	42.2	42.2	52.3	55.2	59.2	63.5	64.4	65.6	66.9	67.3	67.4	67.5	67.5	67.7
≥ 900		37.6	42.6	42.6	53.1	56.0	60.1	64.4	65.3	66.6	67.8	68.3	68.4	68.4	68.5	68.6
≥ 800		34.4	43.5	43.5	55.0	57.9	62.0	66.4	67.3	68.5	69.9	70.3	70.4	70.5	70.5	70.7
≥ 700		33.5	43.7	43.7	55.2	58.3	62.5	66.9	67.8	69.1	70.5	70.9	71.0	71.1	71.1	71.2
≥ 600		38.9	44.1	44.1	55.7	58.8	63.0	67.4	68.3	69.5	71.1	71.4	71.5	71.5	71.6	71.6
≥ 500		39.4	44.6	44.6	56.5	59.6	63.9	68.5	69.4	70.6	72.3	72.7	72.8	72.9	72.9	73.1
≥ 450		40.1	45.5	45.5	57.4	60.6	64.8	69.4	70.4	71.6	73.2	73.7	73.8	73.9	73.9	74.1
≥ 400		41.1	46.6	46.6	59.3	62.6	66.8	71.6	72.6	73.8	75.4	75.9	76.1	76.1	76.1	76.3
≥ 350		42.1	43.1	48.1	61.3	64.6	69.1	74.1	75.0	76.2	77.9	78.3	78.4	78.5	78.5	78.7
≥ 300		44.4	51.1	51.1	66.1	69.7	74.7	80.4	81.5	83.5	85.3	85.7	86.0	86.1	86.3	86.5
≥ 250		45.6	52.6	52.6	68.4	72.5	78.0	84.0	85.7	87.3	89.3	89.7	90.3	90.4	90.6	90.8
≥ 200		45.9	53.7	53.0	69.1	73.3	79.1	85.6	86.9	89.3	91.5	92.0	92.6	92.7	92.9	93.1
≥ 180		46.0	53.1	53.1	69.3	73.6	79.4	85.9	87.2	89.6	91.8	92.4	93.2	93.3	93.5	93.7
≥ 150		46.1	53.2	53.2	69.5	73.9	79.7	86.6	87.9	90.6	93.2	93.9	94.8	94.9	95.1	95.3
≥ 120		46.2	53.3	53.3	69.7	74.2	80.4	87.2	88.5	91.3	93.9	94.6	95.5	95.6	95.8	96.1
≥ 100		46.2	53.4	53.4	69.8	74.2	80.6	87.8	89.2	91.9	94.9	95.6	96.5	96.7	96.9	97.1
≥ 90		46.2	53.4	53.4	69.9	74.3	80.7	87.9	89.3	92.1	95.1	95.8	96.8	97.0	97.2	97.5
≥ 80		46.2	53.4	53.4	70.0	74.4	80.8	88.4	90.0	92.8	95.8	96.6	97.6	97.8	98.2	98.4
≥ 70		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	92.9	96.1	96.7	97.7	98.1	98.4	98.7
≥ 60		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.0	96.8	97.8	98.2	98.6	98.9
≥ 500		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.1	96.9	98.0	98.4	98.7	99.0
≥ 400		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.2	96.9	98.2	98.5	99.0	99.3
≥ 300		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.2	96.9	98.2	98.6	99.1	99.5
≥ 200		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.2	96.9	98.2	98.6	99.1	99.7
≥ 100		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.2	96.9	98.2	98.6	99.1	99.9
≥ 0		46.2	53.4	53.4	70.0	74.5	80.9	88.5	90.1	93.0	96.2	96.9	98.2	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

4773
STATION

YONGSAN AB KO

STATION NAME

73-80

YEARS

111

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO. OBS.																
≥ 2000		35.1	39.4	34.4	45.2	46.8	48.8	50.2	51.6	51.1	51.5	51.0	51.6	51.7	51.7	51.7
≥ 1800		40.7	44.6	44.6	51.5	53.3	55.5	57.3	57.7	58.3	58.6	58.9	58.9	59.1	59.2	59.1
≥ 1600		41.4	45.4	45.4	52.3	54.1	56.4	58.2	58.6	59.2	59.7	59.8	59.8	59.9	59.9	59.9
≥ 1400		41.5	45.5	45.5	52.4	54.2	56.6	58.3	58.7	59.4	59.8	59.9	60.0	60.1	60.1	60.1
≥ 1200		41.9	46.0	46.0	53.0	54.8	57.1	58.9	59.3	59.9	60.4	60.5	60.6	60.6	60.7	60.7
≥ 1000		43.3	47.5	47.5	54.7	56.6	59.0	60.9	61.4	62.0	62.5	62.6	62.7	62.7	62.8	62.8
≥ 900		45.4	49.9	49.9	57.7	59.8	62.4	64.5	64.9	65.6	66.1	66.3	66.3	66.4	66.4	66.4
≥ 800		46.4	51.0	51.0	59.0	61.1	63.2	66.0	66.4	67.2	67.7	67.8	67.9	68.0	68.0	68.0
≥ 700		48.3	53.1	53.1	61.6	63.9	66.8	69.0	69.5	70.2	70.8	70.9	71.0	71.1	71.1	71.2
≥ 600		49.3	54.3	54.3	62.8	65.1	68.0	70.2	70.7	71.5	72.0	72.2	72.3	72.3	72.4	72.4
≥ 500		49.3	54.3	54.3	63.0	65.3	68.3	70.5	71.0	71.8	72.4	72.5	72.6	72.7	72.7	72.8
≥ 400		49.8	54.3	54.3	63.6	65.9	68.9	71.2	71.6	72.4	73.0	73.2	73.3	73.3	73.4	73.4
≥ 300		50.2	55.2	55.2	64.1	66.4	69.4	71.7	72.2	72.9	73.6	73.7	73.8	73.9	73.9	74.0
≥ 200		51.7	56.3	56.3	66.7	68.4	71.5	73.8	74.3	75.1	75.7	75.9	76.0	76.0	76.1	76.1
≥ 150		53.3	58.6	58.6	68.1	70.5	73.7	76.0	76.6	77.4	78.0	78.2	78.3	78.4	78.4	78.5
≥ 100		57.2	63.1	63.1	73.6	76.4	80.0	82.6	83.2	84.2	84.9	85.1	85.2	85.3	85.4	85.4
≥ 75		59.1	65.2	65.2	76.3	79.3	83.0	85.9	86.5	87.6	88.4	88.6	88.8	88.8	88.9	89.0
≥ 50		60.3	66.6	66.6	78.2	81.4	85.4	88.5	89.2	90.3	91.2	91.5	91.6	91.7	91.8	91.8
≥ 25		60.8	67.1	67.1	78.9	82.1	86.2	89.3	90.0	91.2	92.1	92.3	92.5	92.6	92.7	92.7
≥ 10		61.1	67.6	67.6	79.6	82.9	87.2	90.5	91.3	92.5	93.5	93.8	94.0	94.1	94.1	94.2
≥ 5		61.4	67.9	67.9	80.2	83.5	87.9	91.4	92.2	93.5	94.5	94.8	95.0	95.1	95.2	95.3
≥ 2		61.5	68.1	68.1	80.6	84.1	88.7	92.3	93.2	94.5	95.6	95.9	96.1	96.2	96.3	96.3
≥ 1		61.5	68.1	68.1	80.7	84.2	88.8	92.6	93.5	94.8	96.0	96.2	96.5	96.6	96.7	96.8
≥ ½		61.5	68.3	68.3	80.8	84.4	89.1	93.0	94.0	95.4	96.6	96.8	97.1	97.2	97.3	97.4
≥ ¼		61.6	68.2	68.2	81.0	84.7	89.5	93.5	94.5	95.9	97.2	97.5	97.8	97.9	98.0	98.1
≥ 1/10		61.6	68.2	68.2	81.1	84.8	89.6	93.8	94.8	96.3	97.6	97.9	98.2	98.4	98.5	98.5
≥ 1/20		61.6	68.2	68.2	81.1	84.8	89.8	94.0	95.1	96.6	98.0	98.3	98.7	98.8	99.0	99.1
≥ 1/40		61.6	68.3	68.3	81.1	84.9	89.8	94.0	95.2	96.7	98.1	98.5	98.8	99.0	99.2	99.3
≥ 1/80		61.6	68.2	68.2	81.1	84.9	89.8	94.1	95.2	96.7	98.1	98.5	98.9	99.1	99.3	99.4
≥ 1/160		61.6	68.2	68.2	81.2	84.9	89.8	94.1	95.2	96.8	98.2	98.5	98.9	99.1	99.4	99.7
≥ 1/320		61.6	68.3	68.3	81.2	84.9	89.9	94.1	95.3	96.8	98.2	98.6	99.0	99.2	99.4	99.7
≥ 1/640		61.6	68.3	68.3	81.2	84.9	89.9	94.1	95.3	96.8	98.2	98.6	99.0	99.2	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 24744

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

DATA NOT AVAILABLE

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

DATA NOT AVAILABLE

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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PSYCHROMETRIC SUMMARY

<u>47-70</u>	<u>YONGSAN AS KC</u>
STATION	STATION NAME

73-87

YEARS

MONTH

PAGE 2

160L-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

43079 YONGSAN AB KO
STATION STATION NAME

73-87

YEARS

JAN
MONTH

PAGE 1 73-87-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
50 / 40				.2																												1	1		
49 / 47			.2	.3																												3	3		
48 / 45		.2	.5																													4	4	2	
47 / 43		.2		1.6																												11	11	4	1
46 / 41		.5	.5	1.7																												12	12	3	
45 / 39		1.9	.8	.3																												19	19	5	7
44 / 37	.2	1.0	1.4	.5																												20	20	7	8
43 / 35	.6	1.9	2.4																													31	31	23	12
42 / 33	.3	4.5	1.9	.5																												45	45	3	14
41 / 31	.3	2.9	1.7																													26	26	47	17
40 / 29	1.9	4.7	1.9	.6																												57	57	46	40
39 / 27	1.1	6.9	2.7	.3																												72	72	49	56
38 / 25	.8	4.7	2.3	.6																												52	52	64	37
37 / 23	1.1	3.5	4.2	.6																												98	98	47	40
36 / 21	.5	3.5	2.7	.5																												45	45	47	34
35 / 19	.9	4.0	2.6	.3																												46	46	50	35
34 / 17	.6	1.9	2.4	.3																												33	34	48	37
33 / 15	.2	2.6	1.9																													29	29	38	27
32 / 13		1.6	1.6																													21	21	25	33
31 / 11		.5	.3																													8	8	26	25
30 / 9	.3	1.9	.5																													16	16	17	35
29 / 7	.3	1.1																														7	7	14	21
28 / 5	.3	.3	.3																													3	3	6	31
27 / 3	.3	.3																														3	3	4	26
26 / 1																																			13
25 / -1																																			13
24 / -3																																			10
23 / -5																																			19
22 / -7																																			3
21 / -9																																			7
20 / -11																																			3
19 / -13																																			2
18 / -15																																			2
Element (X)	Σ X'			Σ X			Σ			σ _s			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

40270	YONGSAN A3 KC
STATION	STATION NAME

73-85

YEARS

JAN
MONTH

461

29-2-2160
HOURS (L. S. T.)

[illegible]

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>43274</u>	<u>YONGSAN AB KC</u>
STATION	STATION NAME

73-80

YEARS

JAN
MONTM

PAGE : 1456-1456
HOURS (L. S. T.)

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>43279</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-8

YEARS

JA'
MONTH

PAGE - 1200-1400
HOURS (L. S. T.)

[illegible]

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D-26-S (OL A)

POEM

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>42079</u>	<u>YONGSAN A9 KC</u>
STATION	STATION NAME

73-85

YEARS

MDNTH

PAGE 1 1570-1701
HOURS (L. S. T.)

[illegible]

USAFETAC FOIA b7
b7C **0-26-5 (OL A)** REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

40274	YONGSAN AB KO
STATION	STATION NAME

73-85

YEARS

JAN
MONTH

Page 1

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point				
53/ 55																		5	5					
54/ 53																		4	4					
52/ 51			.1		.3	.5												11	11					
50/ 49			.2	.2	.2	.2	.1											5	3					
48/ 47		.0	.1	.2	.4	.1												23	23	1				
46/ 45		.0	.5	.3	.3	.1												54	54	7				
44/ 43		.4	.4	1.8	.3	.1												73	73	12				
42/ 41		.8	.8	2.2	.7	.1												150	150	34				
40/ 39	.1	1.3	1.5	1.4	.4	.1												108	108	67				
38/ 37	.3	.8	1.7	1.4	.4													122	123	151				
36/ 35	.8	1.9	2.5	1.1	.7													151	151	126				
34/ 33	.1	2.5	1.5	2.4	.4													158	158	145				
32/ 31	.1	1.7	.8	1.4	.4													98	98	164				
30/ 29	.9	3.1	2.3	1.8	.3													155	155	136				
28/ 27	2.3	4.2	1.7	2.1	.4													243	243	232				
26/ 25	.8	2.8	1.9	1.1														150	150	2				
24/ 23	.8	2.8	2.8	1.4														177	177	164				
22/ 21	.6	2.1	2.2	1.2														139	139	149				
20/ 19	.3	2.2	2.5	.2														117	117	137				
18/ 17	.6	1.8	2.3	.1														103	1	137				
16/ 15	.2	1.5	1.5															73	73	142				
14/ 13	.1	1.3	.3															48	48	55				
12/ 11	.2	1.3	.4															43	43	70				
10/ 9	.1	1.5	.4															46	46	139				
8/ 7	.1	.7																18	18	44				
6/ 5	.2	.7																18	18	15				
4/ 3	.3	.3																10	10	17				
2/ 1	.1	.0																3	3	6				
0/ -1																				1				
-2/ -3																								
-4/ -5																				58				
-6/ -7																				26				
-8/ -9																				12				
-10/ -11																				17				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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0-26-5 (OLA)

USAFETAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

43274	YONGSAN AR KO
STATION	STATION NAME

73-8'

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

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0-26-5 (OL A)

USAFETAC FORM 100-10

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4779	YONGSAN AP KO
STATION	STATION NAME

73-8

YEARS

15
MONTH

PAGE 3

56-10-68-
HOURS (L. S. T.)

[illegible]

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4174	YONGSAN AB KC
STATION	STATION NAME

73-80

YEARS

75 -
MONTH

PAGE 1 95-111
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

40079 YONSSAN AB KC
STATION STATION NAME

73-80 YEARS

FFF
MONTH

PAGE 1 10 2-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
47/ 63						.6												3	3						
47/ 59						.4												3	3						
47/ 57						.2	.2	.4										4	4						
50/ 55					.4	.6		.2										6	6						
47/ 53				.6	.4	.2												6	5	1					
47/ 51					.4	.6		.6										3	8	1					
47/ 49				.6	.4	.2	.2											7	7	1					
47/ 47		.2	.2	1.1	.6	1.9	.2	.2										21	21	3					
47/ 45		.4		2.1	2.1	1.9	1.1											36	36	10	1				
47/ 43		.2	1.3	2.6	.9	1.1	1.9	.3										38	38	14	2				
42/ 41		2.3	1.1	6.2	3.1	1.3												65	65	14					
47/ 39		.2	1.5	2.3	1.7	.4												29	29	46					
47/ 37		.6	.4	.4	3.2	.6												25	25	11	11				
47/ 35		.6	.2	1.5	4.1	1.9	.9											43	43	23	23				
47/ 33		1.1	.9	3.4	1.5													32	32	38	11				
47/ 31		1.1	.6	1.3	1.1													19	19	54	14				
47/ 29		.2	1.1	.9	1.5	1.1												22	22	38	22				
47/ 27		1.5	1.9	3.2	.6													34	34	31	36				
47/ 25			.9	3.1														14	14	31	27				
47/ 23			2.1	1.3														19	19	17	41				
47/ 21			1.5	.6														10	17	27	29				
47/ 19		.9	.9															9	9	17	30				
47/ 17		.4	1.7															10	10	16	23				
47/ 15		.4	.9															6	6	12	21				
47/ 13			.3															1	1	5	10				
47/ 11																				3	13				
47/ 9																				1	34				
47/ 7																					19				
47/ 5																					13				
47/ 3																					12				
47/ 1																					11				
47/ -1																					12				
47/ -3																					8				
47/ -5																					5				
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

USAFETAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>43274</u>	<u>YONGSAN AE MO</u>
STATION	STATION NAME

73-8

YEARS

FE:
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MAY 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>47279</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-8"

YEARS

FEB
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4775 YONGSAN AB KO STATION NAME

73-80

YEARS

MONTH

PAGE 1

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
54/ 53				.2														1	1			
53/ 51		.6	.4															5	5			
52/ 49		.4	.4															4	4	1	2	
51/ 47			.4		.2													3	3	6		
50/ 45	.6	1.3	.7	1.8	.2													25	25	7	6	
49/ 43	.2	1.3	2.2	1.8														30	30	0	7	
48/ 41		3.9	3.7	.6														44	44	23	15	
47/ 39		3.7	4.0	.4														44	44	40	12	
46/ 37	1.8	5.9	5.7	.9														74	74	51	18	
45/ 35	.4	9.6	3.7	.7	.2													79	79	23	43	
44/ 33	1.7	4.6	2.6	1.1	.4													56	56	21	75	
43/ 31		3.3	.7	.9														27	27	49	51	
42/ 29	.4	6.6	1.3	1.1														51	51	47	56	
41/ 27	1.3	4.8	1.3															40	40	47	60	
40/ 25	.6	1.8	1.1	.4														21	21	43	37	
39/ 23	.4	1.8	1.3	.2														20	20	19	47	
38/ 21	.2	.2	.9	.2														8	8	14	24	
37/ 19	.4	.4	.4															6	6	12	13	
36/ 17																				7	13	
35/ 15			.3															1	1	3	15	
34/ 13			.9															5	5		6	
33/ 11																				3	7	
32/ 9																				3	11	
31/ 7																						
30/ 5																					4	
29/ 3																					3	
28/ -1																					1	
27/ -5																					4	
26/ -13																					2	
25/ -15																					1	
TOTAL	7.7	50.3	31.1	10.3	.9													544	544	544	544	
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Num.	3313490		41702		76.7		14.469		544		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F	
Dry Bulb	684437		18941		34.8		6.787		544				30.6								93	
Wet Bulb	595858		17634		32.4		6.682		544				41.2								93	
Dew Point	467540		15132		27.8		9.266		544		1.4		62.4								93	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

43079	YONGSAN AB KO
STATION	STATION NAME

73-80

YEARS

MA -
MONTH

PAGE 1

750-110
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
61 / 61																		1	1													
60 / 59																		4	4													
59 / 57																		1	1													
58 / 55																		5	5													
57 / 53																		20	20													
56 / 51																		21	21													
55 / 49																		25	25	10	2											
54 / 47																		46	46	5	2											
46 / 45																		75	75	23	10											
44 / 43																		65	65	79	6											
42 / 41																		64	64	78	18											
41 / 39																		63	68	72	10											
38 / 37																		73	73	98	19											
36 / 35																		55	55	76	84											
34 / 33																		38	38	60	63											
32 / 31																		20	20	56	71											
31 / 29																		24	24	38	54											
30 / 27																		10	10	29	66											
29 / 25																		8	8	22	27											
28 / 23																		2	2	6	35											
27 / 21																				10	40											
26 / 19																		1	1		19											
25 / 17																		3	3	1	25											
24 / 15																		2	2		17											
23 / 13																				4	16											
22 / 11																				2	10											
21 / 9																					5											
20 / 7																					3											
19 / 5																					5											
18 / 3																					1											
17 / 1																					2											
16 / -1																					1											
15 / -3																					1											
14 / -9																					1											
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																				
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
PLS 9-4
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION!
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4377	YONGSAN AB KO
STATION	STATION NAME

73-2

YEARS

MONTH

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
TOTAL	1.1	4.7	7.7	14.6	17.3	21.8	14.7	6.6	3.8	.6								533	533	533	533				

Element	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Dry Bulb	1342574	25170	47.2	17.034	533	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	43
Wet Bulb	1315371	26148	49.1	7.828	533		2.1	.3				43
Dew Point	893357	21591	40.9	6.030	533		9.9					43
Wet Bulb - Dew Point	471112	1538	28.3	9.347	533	.7	0.6					43

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4779	YONGSAN AP KC
STATION	STATION NAME

73-80

YEARS

W A 12

Page 2

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

43-77 STATION YONGJIAN AB KU STATION NAME

73-85 YEARS

APR MONTH

PAGE 1 79-11-10 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75																		1	1		
75/ 71																		2	2		
74/ 69																		5	5		
73/ 67																		5	5		
72/ 65																		14	14		
71/ 62																		25	25		
70/ 61																		53	53	6	1
69/ 59																		63	63	14	2
68/ 57																		53	53	24	3
67/ 55																		67	67	25	13
66/ 53																		72	72	33	19
65/ 51																		53	53	59	24
64/ 49																		49	49	49	13
63/ 47																		45	45	56	50
62/ 45																		43	43	65	76
61/ 43																		24	24	61	47
60/ 41																		19	19	41	40
59/ 39																		7	7	43	42
58/ 37																		1	1	73	44
57/ 35																				35	51
56/ 33																				4	34
55/ 31																					36
54/ 29																					36
53/ 27																					14
52/ 25																					4
51/ 23																					
50/ 21																					
49/ 19																					
48/ 17																					
47/ 15																					
46/ 13																					
45/ 11																					
44/ 9																					
43/ 7																					
Element (X)	Σ X'		Σ X		X̄		C _d		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

42174	YONGSAN AB MO
STATION	STATION NAME

73-8

YEARS

25
MONTH

PAGE 1 1965-11-10
HOURS (L, S, T, I)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4773 YONGSAN AB KO
STATION NAME

73-80

YEARS

APR
MONTH

PAGE 1 12 6-14 65
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
77																						3	3		
77																						4	4		
75																						17	17		
73																						17	17		
71																						23	23		
69																						28	28		
67																						24	24		
65																						29	29		
63																						72	72	7	
61																						68	68	9	
59																						49	49	10	1
57																						53	53	41	12
55																						45	45	51	23
53																						41	41	60	3
51																						33	33	67	14
49																						26	26	74	17
47																						17	17	71	40
45																						10	10	49	77
43																						7	7	37	40
41																						2	2	43	37
39																								14	42
37																								12	27
35																								5	3
33																								2	29
31																									20
29																									31
27																									39
25																									10
23																									17
21																									9
19																									2
17																									2
15																									2
13																									1
Element (X)	Σ X'			Σ X			Σ			C ₂			No. Obs.			Mean No. of Hours with Temperature						Total			
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

43279 YONGSAN AB KC
STATION STATION NAME

73-81

YEARS

APC
MONTH

PAGE : 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

46279 YONGSAN AB KC
STATION

73-80

YEARS

ADP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 93														.1				2	2					
14/ 79												.1	.1	.1				7	7					
14/ 77								.1	.2	.2	.1	.2	.1					16	16					
14/ 75								.4	.4	.4	.2	.1						26	26					
14/ 73						.2	.3	.3	.4	.1	.2	.1						32	32					
14/ 71					.1	.3	.3	.6	.5	.1	.3							51	51					
14/ 69				.1	.1	.5	.9	.7	.9	.4	.2							62	62					
14/ 67				.1	.1	.2	.7	.2	.5	.4	.0							48	48					
14/ 65			.2	.2	.3	.5	.7	.7	.6	.9	.0							60	60	1				
14/ 63		.1	.2	.7	.6	2.4	1.3	1.4	.9	.2	.1							185	185	15				
14/ 61		.2	.3	.6	2.7	1.1	1.7	1.0	.6	.0	.0							167	167	35	2			
14/ 59	.1	.6	.8	.9	1.4	1.5	1.3	.9	.1	.2								175	175	58	1			
14/ 57	.1	.8	.9	1.5	1.3	1.4	1.2	.7	.7	.2								170	170	112	29			
14/ 55	.9	1.3	3.4	1.3	1.4	1.7	.9	.1	.1									195	195	127	67			
14/ 53	.1	.5	2.8	1.2	1.2	.5	1.3	.6	.3									188	188	192	54			
14/ 51	.1	1.3	2.9	1.3	.9	.9	.7	.2	.2									161	161	271	49			
14/ 49	.9	.9	1.7	1.0	1.1	.7	.1	.1	.1									119	119	355	77			
14/ 47	.9	1.7	1.3	.8	.8	.9	.1	.2										127	127	248	167			
14/ 45	.2	1.3	2.9	.9	1.7	.1	.3											154	154	198	284			
14/ 43	.1	.9	1.4	1.1	.4	.1	.1											92	92	183	162			
14/ 41	.1	.9	1.9	.6		.7												65	65	179	182			
14/ 39	.1	.7	.7	.3														39	39	129	171			
14/ 37	.1	.4	.0	.1														22	22	98	135			
14/ 35	.1	.3	.4	.1														28	28	54	156			
14/ 33	.1	.1	.1	.7														7	7	45	147			
14/ 31	.1		.1															2	2	13	116			
14/ 29																				6	104			
14/ 27																				2	136			
14/ 25																					60			
14/ 23																					31			
14/ 21																					27			
14/ 19																					14			
14/ 17																					11			
14/ 15																					3			
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

<u>43279</u>	<u>YONGSAN AB KU</u>
STATION	STATION NAME

73-87

YEARS

ADP
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

94

PSYCHROMETRIC SUMMARY

73-27

YEARS

MONTH

PAGE 1

7-6-5
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC
FORM
JUL 64

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>4-279</u>	<u>YONGSAN AR KC</u>
STATION	STATION NAME

73-80

YEARS

MAY
MONTH

PAGE 1 NY 100-1116
HOURS (L. S. T.)

[illegible]

AD-A102 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
YONGSAN AB, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WEATHER 0--ETC(U)
JUN 81

UNCLASSIFIED USAFETAC/DS-81/064

SBIE-AD-E850 092

NL

3 OF 3

AD-A102 403



END
DATE
FILMED
8 '81
DTIC

PSYCHROMETRIC SUMMARY

YEARS

DAY
MONTH

Page: 165-140
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
1 / 84												.2	.2					1	1							
2 / 87												.2	.2					2	2							
3 / 85												.2	.2	.2				3	3							
4 / 82							.2			1.1	.5	.4	.4	.2				15	15							
5 / 81						.2	.4	1.1	1.9	2.3	1.2	.7						43	43							
6 / 79					.2	.4	.5	1.2	1.4	.4	.9	.2						29	29							
7 / 77					.2	.4	.5	1.2	1.4	1.1	1.1	.4	.2					36	36							
8 / 75				.2	.2	.5	1.3	.9	2.3	1.4	.7							47	47							
9 / 73				.4		1.1	.7	2.3	1.9	.7	.2							44	44							
10 / 71		.2			1.1	.7	1.1	3.4	1.9	1.9	.5							61	52	1						
11 / 69				.2	.2	1.6	3.1	2.6	1.4	1.4	.2							60	50	8						
12 / 67				.2	.7	1.2	1.6	.7	1.6	.9								39	39	1						
13 / 65				.2	.7	1.4	2.6	1.6	.7	.2								46	46	39	2					
14 / 62		.4	.7	1.9	.4	1.9	2.1	2.3	.5									69	69	45	11					
15 / 61		.7	1.1	.4	.4	.9												19	19	46	7					
16 / 59	.2	.5	.9	.4	.5	.2	.2											15	16	50	23					
17 / 57		1.9	.5	.2	.2	.7												20	20	20	29					
18 / 55		.9	.2	.4	.4													10	10	79	45					
19 / 53	.2	.5	.5															7	7	70	60					
20 / 51		.2	.2															2	2	48	39					
21 / 49																				24	24					
22 / 47																				5	58					
23 / 45																					63					
24 / 43																					40					
25 / 41																					45					
26 / 39																					27					
27 / 37																					27					
28 / 35																					22					
29 / 33																					14					
30 / 31																					2					
31 / 29																					4					
32 / 27																					1					
TOTAL	.4	5.1	4.2	4.9	5.3	13.1	14.6	17.8	14.8	11.3	5.6	1.9	.7	.2				567	567	567	567					
Element (X)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	1458261		27033		47.7		17.336		567		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total			
Dry Bulb	283695		39841		77.3		7.426		567						52.0		35.0		12.1				93			
Wet Bulb	192565		32917		58.1		4.987		567						5.2		.3						92			
Dew Point	133514		27174		47.9		7.618		567						1.1		.5						93			

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

43279
STATIC

YONGSAN AS KO

73-87

PAY

STATION

STATION NAME

YEARS

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PAGE 1

18 0-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
80												.1						1	1																	
81												.6						4	4																	
82									.5		.4			.4				7	7																	
83									.5	.6	.6	.8	.4					15	15																	
84							.6	1.9	1.7	2.1	1.5	.2	.2					43	43																	
85						.4	.2	.8	1.0	1.9	1.7	.4	.2					34	34																	
86					.6	.8	.4	1.3	1.5	1.3	1.0	.6	.2					40	40																	
87					.3	.3	.5	1.7	1.5	1.0	1.0							28	38																	
88				.3	.4	.2	1.7	2.7	1.9	1.0	1.1							48	48																	
89					.6	1.7	1.5	4.2	2.1	1.0	.6							60	60	6																
90				1.0		.4	2.3	3.1	1.7	.8		.4						80	59	8																
91			.2		1.1	.8	1.7	.6	.8	1.3	.2							30	30	25																
92				.2		.6	1.0	1.7	2.5	.6								34	34	35	6															
93			1.7	1.0	.2	2.1	2.3	2.1	.6									48	43	39	9															
94	.2	2.5	.4	.6	1.3	.2	.2											28	38	67	19															
95		1.0		.8														9	9	69	30															
96	.2	1.9	.2	.4	.2	.6												18	18	79	27															
97		1.0	.2	.6	.2													10	10	66	34															
98	.6	.4			.2													6	6	61	48															
99		.2																1	1	43	40															
100																				23	29															
101																				4	47															
102																				1	75															
103																					33															
104																					34															
105																					67															
106																					27															
107																					26															
108																					11															
109																					9															
110																					4															
111																					1															
112																					2															
Element (X)	Z _X ¹		Z _X		Z̄		σ _Z		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total													
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

<u>43274</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-8.

YEARS

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MONTH

PAGE 15 6-17-6
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
T TAL	1.	6.9	1.9	4.6	5.7	8.2	12.4	20.6	14.5	10.7	8.7	3.1	1.3	.2					524	524	524			

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

43 79 STATION YONGSAN AB KO STATION NAME

73-80

YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
89												.1																						2	2		
87												.2																						5	6		
85												.1													.1									9	9		
83											.0													.3	.2									30	30		
81							.0			.2	.7	.9	1.1	.7	.2	.3								.3	.3	.1								28	38		
79						.1	.2			.2	.7	.6	.6	.7	.1	.5								.3	.3	.1								70	70		
77						.3	.4			.4	.7	.8	.6	.5	.2	.1																		37	37		
75					.0	.4	.4			.3	.9	1.2	.6	.4																				106	106		
73					.3	.1	.6	1.0		1.3	1.1	1.1	.9	.3																				122	122		
71			.1		.0	.9	1.2	1.1		2.1	1.2	.7	.3																					169	169		7
69		.3	.0	.4	.6	1.2	1.7	1.5		.9	.6	.7	.1																					101	101		18
67		.0	.2	.1	.4	.9	1.4	.7		.7	.5	.0																						122	122		53
65		.1	.4	.9	.9	1.5	1.7	1.3		.4	.1																							103	103		11
63		.7	1.5	2.1	1.1	3.0	1.5	1.6		.4																								204	204		33
61	.3	1.4	1.0	1.3	1.4	1.1	.5	.1		.7																								100	100		46
59	.2	1.4	1.4	1.6	1.1	.8	.3																											152	152		100
57	.2	2.0	1.4	1.5	1.1	.5																												148	148		130
55	.1	2.3	1.2	1.6	1.0	.1																												140	140		152
53	.4	1.0	1.3	.7	.3																													94	94		234
51	.1	.9	1.6	.4	.1																													68	68		201
49		.3	.6	.1																														25	25		14
47	.1	.6	.4	.1	.1																													27	27		222
45		.5	.3																															18	13		32
43		.1	.1	.0																														4	4		104
41																																				7	109
39																																				1	99
37																																				1	73
35																																					57
33																																					31
31																																					14
29																																					12
27																																					2
25																																					2
Element (X)	Σ X'			Σ X			X			°X			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

<u>43279</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-79

YEARS

JUN.
MONTH

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0606-0800
HOURS (L. S. T.)

[illegible]

WE WOULD BE VIOLATING THE RIGHTS OF THIS PEOPLE AND OURSELVES

0-26-5 (OL A)

FORM 94

USAFETAC

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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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42379
STATIC

YONGSAN AB KO

STATION NAME

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MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

47279	YONGSAN AB KC
STATION	STATION NAME

73-79

YEARS

MONTH

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HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

43274 YONGSAN AB KO

73-79

JUN
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
64/ 93												.1	.2					5	5							
64/ 91										.1	.1	.1						4	4							
64/ 89								.1	.1	.1	.2							7	7							
64/ 87								.1	.2	.1	.1							11	11							
64/ 85							.1	.4	.1	.4	.3	.3	.1					21	21							
64/ 83					.1	.1	.2	1.2	.9	.3	.7	.3						77	77							
64/ 81				.7	.5	.8	2.3	2.5	1.5	.5	.5	.2						135	135							
64/ 79			.4	.7	.5	2.2	1.1	1.3	.7	.4	.5	.1						149	149							
74/ 77		.3	.3	.4	1.7	3.4	2.4	1.5	.7	.5	.2	.1						217	217	1						
74/ 75	.1	1.0	.4	1.4	2.5	1.9	1.5	.4	.5	.1	.1							194	194	37	23					
74/ 73	.2	.4	.4	2.2	1.9	2.1	1.3	.8	.7									191	191	56	33					
74/ 71	.3	.7	2.7	2.2	2.3	1.1	.8	.1	.1									198	198	107	36					
74/ 69	.4	1.0	3.5	1.6	1.6	1.0	.4											191	191	242	46					
74/ 67	.7	1.2	2.5	1.5	.5	.6	.1											130	130	316	76					
74/ 65	.5	2.0	2.0	1.1	.6	.2	.1											119	119	336	162					
74/ 63	.8	2.0	1.9	1.3	.6	.2												119	119	274	340					
74/ 61	.1	1.5	1.0	.6		.1												63	63	234	252					
74/ 59	.3	1.6	.5	.1	.1													50	51	166	333					
74/ 57		.3	.5		.1													17	17	89	168					
74/ 55			.1	.1														2	2	30	128					
74/ 53				.1														1	1	12	105					
74/ 51																				3	67					
74/ 49																				3	40					
74/ 47																				1	25					
74/ 45																					29					
74/ 43																					10					
74/ 41																					10					
74/ 39																					3					
74/ 37																					1					
TOTAL	2.2	11.9	16.0	13.9	13.2	13.5	10.3	8.2	5.3	2.3	2.1	.9	.2						1929	1929		1929				
																							1929		1929	
Element (X)	ΣX'			ΣX			X	°X	No. Obs.			Mean No. of Hours with Temperature											Total			
Rel. Hum.	9017056			127544			66.1	17.403	1929			± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F									
Dry Bulb	10416912			141168			73.1	6.380	1930						561.2	391.3	140.3	1.9				720				
Wet Bulb	8244656			125808			65.2	4.544	1929						290.8	38.8							720			
Dew Point	7553461			116058			60.2	6.077	1929						76.9	17.2							720			

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PSYCHROMETRIC SUMMARY

43470	YONGSAN AB KC
STATION	STATION NAME

73-73

YEARS

MONTH

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6 0 - 3 0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
64 / 83			.0		.0	.0												3	7					
64 / 81		.0	1.1	2.5	.5													30	20	1	1			
64 / 79	.4	1.0	4.7	3.3	.7	.2												48	42	0	0			
71 / 77	.4	3.3	6.4	3.7	.0													70	70	12	12			
76 / 75	1.0	9.3	5.1	2.7	1.2	.4												100	100	79	45			
74 / 73	2.5	7.0	2.9	2.3	.4	.2	.4											76	70	122	91			
71 / 71	1.4	5.3	4.1	.4	.2	.4												58	53	54	91			
71 / 69	1.0	6.0	3.1	.3	.2													54	54	64	66			
64 / 67	.0	1.6	1.0	.4	.2													19	19	71	40			
64 / 65		1.6	.6		.2													12	12	0	0			
47 / 67		.3		.2														5	5	10	27			
47 / 65		.4		.4														4	4	11	10			
47 / 63		.6	.2															4	4	4	17			
47 / 67		.6																3	3	4	3			
51 / 55																					0			
47 / 53																					0			
51 / 51																					0			
TOTAL	1.2	38.3	30.5	16.7	4.3	1.4	.4											480	435		406			

Element (X)	Σ X'	Σ X	X	Σ x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3036526	41774	86.7	9.005	486	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2664735	35919	73.9	4.553	486			87.6	62.6	9.0		93
Wet Bulb	2457181	34483	71.0	4.442	486			81.5	39.6	1.0		93
Dew Point	2332635	33727	69.4	4.992	486			67.4	29.5	.2		93

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PSYCHROMETRIC SUMMARY

4327	LONGSAN AB KU
STATION	STATION NAME

73-74

YEARS

50 L
MONTH

• $\Delta G^\circ = -11.7 \text{ kJ}$

9 - 11 -
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
61/93																		1	1									
64/93																		1	1									
67/91																		3	3									
67/89																		13	13									
67/87																		2	2									
67/85																		28	28									
67/83																		45	44									
67/81																		45	45									
71/79																		84	84	23	4							
71/77																		72	72	43	2							
71/75																		89	89	113	4							
71/73																		87	87	114	4							
71/71																		11	31	77	112							
71/69																		13	13	67	6							
71/67																		4	4	44	0							
67/65																		3	3	17	3							
67/63																				13	4							
67/61																				1	1							
67/59																												
67/57																												
67/55																												
67/53																												
67/51																												
TOTAL																		540	540									

Element (X)	Σ x'	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3.71157	40189	74.4	12.193	540	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3376092	42560	78.8	5.403	540			91.5	93.2	44.3	.3	93
Wet Bulb	2863485	39258	72.7	4.278	540			86.1	53.7	1.9		93
Dew Point	2637235	37639	69.7	5.041	540			72.0	31.0	.2		93

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PSYCHROMETRIC SUMMARY

42	YONGSAN 42 KG
STATION	STATION NAME

73-73

YEARS

322
MONTH

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HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

47-70 STATION YONGSAN AB KC STATION NAME

73-70

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
10/ 49										.1	.1													
10/ 57									.1	.3	.2								13	13				
10/ 65								.1		.5	.2	.1							16	16				
10/ 73									.5	.6	.3								26	26				
10/ 81						.3	.3	1.2	.4	.1									40	40				
10/ 89					.1	.6	2.2	1.2	.3										27	27				
10/ 97					.3	2.0	1.7	.5	.2		.2								113	113				
10/ 95				.4	.9	3.0	.3	.4	.3	.3									120	120				
10/ 83			.2	1.6	2.8	2.2	1.7	1.0	.3	.1	.1								195	195	3			
10/ 81		.5	1.1	4.7	2.7	2.3	2.4	.3	.3										267	267	21			
10/ 79	.2	.6	2.5	3.8	1.1	1.6	.7	.4	.1	.1									206	206	172			
70/ 77	.3	1.4	3.5	2.4	1.3	1.2	.2												208	208	247			
70/ 75	1.1	3.7	2.8	1.6	.9	.4	.2												211	211	417			
70/ 73	.8	3.2	1.8	1.6	.4	.1	.3												159	159	358			
70/ 71	.6	2.3	1.9	.3	.2	.2													105	105	276			
70/ 69	.5	2.1	.9	.2	.1	.1													75	75	241			
60/ 67	.2	.6	.5	.2	.1	.1													28	28	169			
60/ 65		.9	.2	.1	.1														23	23	55			
40/ 63		.2	.2	.1															10	10	32			
20/ 61		.1	.2	.1															7	7	14			
00/ 59		.3	.2																7	7	14			
00/ 57		.2																	4	4	6			
50/ 55																								
40/ 53																								
20/ 51																								
TOTAL	3.6	15.9	16.2	17.2	10.8	11.6	11.5	6.2	3.2	1.2	.6								1953	1953	1953			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	12431127		142431		72.9		15.077		1953		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F			
Dry Bulb	12490654		155628		79.7		6.759		1953				724.6		645.3		390.1		22.5		744			
Wet Bulb	13417358		142324		72.9		4.343		1953				693.3		437.7		19.7				744			
Dew Point	9524184		136742		69.7		4.947		1953				556.9		257.1		.8				744			

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PSYCHROMETRIC SUMMARY

4374	YONGSAN AP KC
STATION	STATION NAME

73-79

YEARS

2000
MONTH

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HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

4179 YONGSAI AB KU

73-79

Aug
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
1 / 84								.4	.4									4	4							
2 / 87						1.1	1.5											15	15							
3 / 93			.2	.4	.7	2.7	.7	.2										23	23							
4 / 93			.2	5.7	3.5	3.5	.2	.4		.2								77	77							
5 / 81		.2	2.1	17.1	3.4	1.8	1.9	.9	.5									113	113	1						
6 / 79		1.2	5.5	6.4	.9	1.9	1.8	1.1	.4		.2							109	109	9	1					
7 / 77	.3	1.9	4.2	3.5	1.6	1.4	.9	.2	.2									20	20	94	6					
8 / 75	.5	2.1	1.9	1.2	.7	1.1	1.1	.2										50	50	161	90					
9 / 72	.4	1.9	.4	.9	.7	.9	1.0											37	37	98	103					
10 / 71		.7	.9	.5	.9	.4	.2											23	23	49	100					
11 / 69	.7	.7	.5	.4	.4	.2												16	16	41	57					
12 / 67		.9	.5															8	8	42	31					
13 / 65	.5																	3	3	26	34					
14 / 63																				20	23					
15 / 61																				13	23					
16 / 59																				1	28					
17 / 57																					17					
18 / 55																					9					
19 / 53																					7					
20 / 51																					2					
21 / 47																					1					
22 / 45																					1					
TOTAL	3.3	9.6	16.5	29.0	12.9	14.9	10.3	3.2	1.1	.2	.2							565		565		565				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3.92593		4114		72.3		13.106		565		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total			
Dry Bulb	3561951		44789		79.3		4.498		565						92.5		85.3		48.1				93			
Wet Bulb	3.01206		41104		72.3		4.397		565						81.5		59.8		.2				93			
Dew Point	2744382		39234		69.4		5.947		565						68.8		38.2		.2				93			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

<u>43270</u>	<u>YONGSAN AB KC</u>
STATION	STATION NAME

73-79

YEARS

AUG
MONTH

PAGE : 120-140
HOURS (L. S. T.)

[illegible]

66

PSYCHROMETRIC SUMMARY

YEARS

45.
MONTH

PAGE 1

100-170
HOURS (L. S. T.)

REVISED AND NEW EDITIONS OF THIS FORM ARE OBSOLETE

D-26.5 (OL A)

USAFETAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

<u>47179</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-79

YEARS

ALC
MONTH

PAGE 3

ALL
HOURS (L. S. T.)

[illegible]

THE VARIOUS EDITIONS OF THIS POEM ARE OBSOLETE

2)

1000

USAFETAC

USAFETAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

4327,
STATION

YONGJIAN AB KC

STATION NAME

73-72

YEARS

SEP
MONTH

MONTH

950-11.0
HOURS (L. S. T.)

[illegible]

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

4377	YONGSAN AB KO
STATION	STATION NAME

73-79

YEARS

35
MONTH

PAGE 1 120-140
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>4274</u>	<u>YONGJAN AB KC</u>
STATION	STATION NAME

73-79

YEARS

SEP
MONTH

DATE 1 15-17-66
HOURS (L. S. T.)

[illegible]

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

4-2-7 YONGSAN AB KO
STATION STATION NAME

73-79

YEARS

MONTH

7-10-68
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
67		.6	.8															7	7	7				
68			.4															2	2	4	3			
69	.3	2.7	1.1	1.5	.6													15	19	11	8			
70		1.5	2.3	.2	.4													1	21	7	9			
71	.2	2.1	1.5	.2														15	18	17	11			
72		4.2	1.9	1.3														35	35	26	12			
73	.5	7.2	2.7	2.3														61	61	31	33			
74		5.1	5.7	2.5	.8													48	48	35	25			
75	1.3	4.6	3.8	.4	.2													52	52	33	31			
76		3.3	1.7	.4														2	52	37	37			
77	1.3	6.9	1.3	.2	.2													47	57	35	41			
78		4.8	3.1	.2														46	46	45	36			
79	.4	2.1	1.3	.4														25	57	43	47			
80		2.9	.6	.2														22	22	24	33			
81	.2	3.3	.5	.2														22	32	17	21			
82		1.1	.2	.4														6	3	12	18			
83		1.1	.2		.2													7	7	9	15			
84	.2		.2		.4													4	4	3	7			
85																				2	6			
86																				1	6			
87																				1	7			
88																				1	1			
89																					4			
90																					1			
91																					2			
92																					2			
93																					2			
94																					2			
95																					2			
96																					2			
97																					2			
98																					2			
99																					2			
100																					2			
TOTAL	2.4	54.9	25.1	9.5	3.1													475		475	475			

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1/ 7																		3	7						
4/ 7																		2	2						
7/ 7																		13	13						
7/ 6.9																		16	16						
7/ 6.7																		24	24						
6/ 6.2																		26	26						
4/ 6.1																		73	73						
7/ 6.1																		64	64						
7/ 5.9																		61	61						
7/ 5.7																		61	61						
6/ 5.5																		61	61						
4/ 5.3																		61	61						
7/ 5.1																		61	61						
7/ 4.9																		61	61						
7/ 4.7																		61	61						
7/ 4.5																		61	61						
4/ 4.3																		61	61						
7/ 4.1																		61	61						
7/ 3.9																		61	61						
7/ 3.7																		61	61						
7/ 3.5																		61	61						
7/ 3.3																		61	61						
7/ 3.1																		61	61						
7/ 2.9																		61	61						
7/ 2.7																		61	61						
7/ 2.5																		61	61						
7/ 2.3																		61	61						
7/ 2.1																		61	61						
7/ 1.9																		61	61						
7/ 1.7																		61	61						
7/ 1.5																		61	61						
7/ 1.3																		61	61						
7/ 1.1																		61	61						
7/ .9																		61	61						
7/ .7																		61	61						
7/ .5																		61	61						
7/ .3																									

GLOBAL CLIMATOLOGY BRANCH
 COMPTON
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

48273 YONGSAN AB KU
 STATION STATION NAME

73-79

YEARS

001
 MONTH

PAGE: 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1/ 21																			5	5					
1/ 79							.2	1.2	.2	.5	.2								11	11					
7/ 77						.4	.2	.2	1.0										9	9					
7/ 75						.4	.4	1.4	2.2	.4	.2								26	26					
24/ 73						.4	1.2	1.4	1.4	.2	.2								26	26					
1/ 71				.4		.2	1.0	2.4	2.2	.4	.4								37	37					
1/ 69			.2		3.6	4.2	1.6	2.4	.3	1.2									70	70	4				
6/ 67			.2		1.6	1.8	1.8	1.6	1.0										40	40	1				
6/ 65		.4	.2	1.4	1.	1.0	3.5	.6	.4										42	42	13				
4/ 63			1.2	1.2	1.1	6.1	3.5	2.1	.4	.4									20	20	2	4			
1/ 61		.2	.2	1.2	1.9	1.4	2.1	.6	.4										33	33	51	11			
1/ 59		.2	.6	1.6	1.1	1.2	1.6	.3	.5										32	32	56	12			
1/ 57		.2	.6	1.1	.4	2.4	.4												25	25	57	31			
5/ 55		1.0		.4	.2	.4	.2	.2											12	12	52	23			
4/ 53			.2		.5	1.0	.4												13	13	70	40			
1/ 51		.2	.4			1.2	.4												11	11	40	45			
1/ 49																					25	31			
1/ 47																			1	1	25	46			
6/ 45		.2						.2											2	2	14	52			
4/ 43																			1	1	5	34			
2/ 41				.2		.4	.4												5	5	14	21			
4/ 39																						15			
7/ 37																						21			
7/ 35																						14			
34/ 73																						17			
2/ 31																						15			
1/ 29																						7			
1/ 27																						7			
1/ 25																						7			
1/ 23																						3			
2/ 21																						1			
1/ 19																						2			
1/ 13																						1			
1/ 9																						1			
Element (X)	Σ X ²		Σ X		X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

43274
STATION

YONGSAN AB KO STATION NAME

73-72

YEARS

5 OCT
MONTH

PAGE 2

10-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
47/ 33																		2	3						
47/ 31																		7	7						
77/ 79																		8	9						
75/ 77																		15	15						
76/ 75																		24	24						
47/ 77																		27	27						
77/ 71																		37	27						
77/ 69																		60	60	6					
67/ 67																		21	31	5					
67/ 65																		32	32	14					
47/ 67																		42	42	22	6				
77/ 61																		21	31	2	11				
77/ 59																		37	27	3	7				
77/ 57																		14	14	51	15				
55/ 55																		11	11	40	24				
47/ 53																		12	12	63	39				
27/ 51																		5	5	35	36				
57/ 49																		1	1	21	31				
77/ 47																		2	2	15	35				
45/ 45																				9	43				
44/ 43																		3	3	16	23				
42/ 41																		3	3	8	9				
77/ 39																									
76/ 35																									
34/ 33																									
72/ 31																									
75/ 29																									
72/ 27																									
76/ 25																									
74/ 23																									
72/ 21																									
70/ 11																									
67/ 5																									
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 2 1500-17.0
HOURS (L. S. T.)

[illegible]

USAFETAC FORMS
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

42479	YONGSAN AB KC
STATION	STATION NAME

73-70

YEARS

667
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

24

PSYCHROMETRIC SUMMARY

73-79

YEARS

5 C T
MONTH

0427 2

ALL
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[illegible]

USAFETAC
FORM
NR. 44
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

<u>42277</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-79

YEARS

406
MONTH

2465 1

76-220
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/63			.4															2	2																
47/61			.2															1	1																
47/59		.4	.2															3	3		7														
47/57		.2	.2	.4	.2													5	5	3	2														
57/55		.4	.6															5	5	2															
54/53		.6	.8	1.3	.2													15	15	3	4														
77/51		.2	2.5	.6														16	16	3	2														
87/47		1.7	1.1	.2														14	14	15	6														
47/47	.7	3.2	1.7	.2														25	25	34	4														
47/45	.6	8.3	3.7		.4													52	52	29	33														
47/43	.8	5.3	2.5	1.3	.7													48	48	48	39														
47/41	1.5	2.5	2.8	.9	.2													36	36	47	54														
77/39		4.7	.4															71	21	21	30														
77/37	.2	1.3	1.1															12	12	35	24														
77/35	.4	2.8	2.5	.5														30	21	14	20														
77/33	1.3	3.4	3.7	.4														38	39	34	23														
77/31	.6	1.5	1.5	.2														18	19	28	17														
77/29	1.3	5.1	1.3	.4														38	38	47	36														
77/27	1.5	3.8	1.5															32	32	56	40														
77/25		2.8	1.3															19	19	22	20														
47/23		3.4	2.1	.4														28	28	22	26														
27/21		.6																3	3	22	22														
77/19	.2		.4															3	3	11	16														
77/17																					7														
177/15		.2																1	1	3	15														
177/13	.2																	1	1	1	11														
177/11																					6														
77/9																					6														
77/7																					3														
77/5																					2														
77/1																					2														
TOTAL	9.95	1.73	1.1	7.0	1.3													472		472	472														
Element (X)	ΣX'		ΣX		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.	3065512		17552		79.6		12.861		472		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total												
Dry Bulb	743279		18213		38.5		9.431		473				27.2										90												
Wet Bulb	659528		17102		36.2		9.201		472				34.3										90												
Dew Point	553562		15326		32.5		10.896		472				43.7										90												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

47.74 YONGSAN AB KC
STATION STATION NAME

73-79

YEARS

NO.
MONTH

PAGE 1

73-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1/ 67				.4	.4													2	3		
1/ 62				.4	.2													3	3		
4/ 63				.4		.4	.2											6	6		
7/ 61		.2	.7	.2	.2	.4	.2											7	7	4	1
7/ 59					1.1	.6												11	11	4	2
7/ 57			.2	.5	.4	.4												8	8	2	3
5/ 55		.6	1.5	3.4	.2	.5	.7											38	38		2
4/ 52			.1	2.1	1.3	.2												30	30	10	3
7/ 51		.6	2.4	2.0	1.1	.2												37	37	25	2
7/ 48		.6	1.7	.9	.4	.2												24	24	42	2
7/ 47	.2	1.5	2.8	1.2	.9	.2												40	40	30	13
4/ 45	1.5	2.4	1.1	2.2	.6	.6												45	45	56	25
4/ 47	.4	2.2	.9	2.2	.4	.6												36	36	39	34
4/ 43		1.1	1.1	1.1	.4	.2												21	21	32	35
7/ 39		.7	1.1	2.2	1.1	.4												30	30	27	36
7/ 37	.2	1.1	2.6	1.3	.4													33	33	23	42
7/ 35	.2	2.2	3.4	3.2	.7													52	52	36	34
3/ 23	.2	1.5	1.1	1.7	.2													27	27	53	30
7/ 31	.4	1.3	1.5	.9	.4													24	24	43	28
7/ 29	.4	.6	2.4	2.1														29	29	32	48
7/ 27	.2	1.1	1.3	.4														16	16	24	27
7/ 25		.4	.9	.4														9	9	30	24
2/ 23		.2																1	1	14	24
2/ 21	.2	.2																2	2	7	31
7/ 19	.1																	1	1	3	15
7/ 17		.2																1	1		27
7/ 15																				1	13
7/ 13																					12
7/ 11																					8
7/ 9																					11
7/ 7																					1
7/ 5																					1
4/ 2																					2
Element (X)	Σ x ²		Σ x		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

4274	YONGJIAN AG MO
STATION	STATION NAME

73-75

YEARS

NOV
MONTH

PAGE 2 2900-1100
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

4279 YONGSAN AB KO
STATION STATION NAME

73-79

YEARS

NOV
MONTH

PAGE 1 12-14-79
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
4/ 77						.6														3	7						
4/ 71								.6	.2		.2									6	6						
4/ 69						.2		.4												7	7						
4/ 67				.4			.4	.2												4	4						
6/ 65							1.2	.4	.2											9	9						
4/ 63							1.2	.6												13	13						
4/ 61					1.2	1.4	.6													29	29	1					
4/ 59			.2	2.2	3.2	2.2	.6	.2	.2											41	41	4	7				
4/ 57			.2	2.2	1.6	2.8	.4													36	36	2					
5/ 55			1.4	1.6	2.6	1.8	.2	.6												41	41	14					
4/ 53			.4	.6	2.4	.6	.8													25	25	21					
4/ 51			.4	1.4	2.4	1.2	.4													31	31	20	4				
5/ 49			.4	.4	.4	.8														12	12	20					
4/ 47		.6	.4	.4	1.4	1.4	1.2													26	26	36	26				
4/ 45			.4	1.6	2.2	2.2														31	31	41	40				
4/ 43		.6	.4	1.2	1.6	1.4	.4													31	31	23	23				
4/ 41		.4	1.2	.8	2.4	1.4														30	30	22	33				
4/ 39		.6	1.4	1.2	3.2	.6														34	34	28	38				
3/ 37	.3		.8	2.4	1.2															26	26	35	25				
3/ 35		.6	1.2	2.4	1.2															25	25	23	36				
3/ 33	.3	.4	.6	1.2	.2															12	12	36	18				
3/ 31		.4	.2	1.2	.6															11	11	42	19				
3/ 29	.3	.4	.4	.6																8	8	20	34				
3/ 27	.6	.4	.2																	6	6	15	27				
3/ 25																						11	23				
3/ 23																						2	24				
2/ 21																							21				
2/ 19																							22				
2/ 17																							22				
2/ 15																							22				
2/ 13																							7				
2/ 11																							9				
2/ 9																							2				
2/ 7																											
Element (X)	Σ X'					Σ X					Σ					No. Obs.					Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

43273
STATION

YONGSAN AB KU

STATION NAME

73-79

YEARS

NO
MONTA

PAGE 2

1206-1410

HOURS (L. S. T.)

[illegible]

ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4327	YONGSAN AB KC
STATION	STATION NAME

73-79

YEARS

ACB
MONTH

PAGE - 15 5-1750
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

USAFETAC
FORM
AUG 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4279	YONGJIAN AR KL
STATION	STATION NAME

75-70

YEARS

MONTH

16-21

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 7																					
- / 6																					
+ / 5																					
- / 4																					
+ / 3																					
- / 2																					
+ / 1																					
1 - 1.5 L	7.4	27.4	15.6	22.4	17.9	11.2	4.6	1.5	.4		.2							1936	1927	1936	1936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

STATION 4772200000 AB KU STATION NAME

75-79

YEARS

DEC MONTH

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1/ 44		.8																4	4		3			
2/ 47		.8		.2														5	5		2			
3/ 45	.4	.4	.6	.2														10	17	5	11			
4/ 43		1.9	.6															12	12		7			
5/ 41	.6	3.2	1.1	.2														24	24	16	21			
6/ 37	.3	2.7	.4															19	19	17	17			
7/ 37	1.3	2.3	1.3	.2														24	24	15	14			
8/ 35	1.3	5.3	2.7															44	44	24	22			
9/ 33	1.7	5.3	1.7															41	41	40	30			
10/ 31	1.5	3.3	.4															27	27	49	23			
11/ 27	.3	4.7	.4															24	24	27	47			
12/ 27	1.9	3.2	.6	.4														29	29	24	35			
13/ 25	.7	4.7	2.1															42	42	39	25			
14/ 23	2.1	4.6	1.1															37	37	27	23			
15/ 21	2.1	1.9	.2															27	27	30	12			
16/ 19	1.1	3.8	1.3															29	29	16	27			
17/ 17	2.1	2.3	1.9															30	30	29	31			
18/ 15	1.3	2.9	.4															25	25	29	16			
19/ 13	.2	.6	.4															6	6	24	12			
20/ 11	1.1	.2																6	6	9	21			
21/ 9	.6	.6																6	6	6	21			
22/ 7	.4	.6																5	5	3	16			
23/ 5	.4	.4																4	4	5	21			
24/ 3																		3	3	3	9			
25/ 1	.4																							
26/ -1																								
27/ -3																								
28/ -5																								
TOTAL	25.355	717.2	1.3															476	476	476	476			

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

[illegible]

12

PSYCHROMETRIC SUMMARY

73-7c

YEARS

210
MONTH

12-14-71
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>4527-</u>	<u>YONGSAN AB KC</u>
STATION	STATION NAME

73-79

YEARS

042
MONTH

PAGE . 14-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-14/-15																					:			
-1/-19																					:			
TOTAL	1.4	15.1	33.2	32.3	15.1	2.4	.4	.4										45.7	45.7	45.7	45.7			

USE WITH CAUTION!
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4-71	YONGSAN AB KO
STATION	STATION NAME

13-79

YEARS

DEC
MONTH

PAGE 1

1910-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
100																		2	2						
99				.5	.5	.5												9	9						
98				.5	.7	.9												7	7						
97			.2	.2	.5	1.0												9	9						
96				.2	.9	.7				.2								9	9	7	1				
95			.5	.7	1.4	1.2	.2			.2								15	13	6	2				
94	.2	.9	.5	2.3	2.1	2.3												36	36	16	3				
93	.5	3.7	2.3	2.5	1.6			.2										47	47	15	14				
92	.2	.2	3.2	1.4	1.4	.9												52	33	23	3				
91	.7	1.8	2.3	2.3														31	31	15	1				
90		1.4	.7	6.7	1.4	.2	.2											43	43	29	11				
89	.2		2.5	2.3	.5													24	24	17	29				
88		.9	3.9	3.3	1.6	.5												43	43	25	35				
87	.5	1.4	1.4	2.3	.2	.5												27	27	21	16				
86		.2	.5	1.4	.3													11	11	38	12				
85		.7	1.8	1.4														17	17	26	19				
84		.9	1.8	3.2	.2													27	27	25	39				
83		.9	2.5	.7														19	19	22	35				
82		.9	2.1	.2														14	14	18	37				
81		.2	.5															3	3	26	29				
80																				12	20				
79			.5															2	2	2	23				
78			.5															2	2		14				
77			.5															2	2	2	13				
76																				4	12				
75																					15				
74																					17				
73																					6				
72																					4				
71																					1				
70																					3				
69																					3				
68																					1				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																					Total				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

42279 YONGSAN AB KC
STATION STATION NAME

73-79 YEARS

550
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

[illegible]

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>4-279</u>	<u>YONGSAN AB KO</u>
STATION	STATION NAME

73-79

YEARS

DEC
MONTH

P435

ALL
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

4-27-73 YONGSAN AB KO
STATION STATION NAME

73-80

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
1- / 49																					2			
2- / 97																					13			
3- / 95																					19			
4- / 93																					52			
5- / 91																					102			
6- / 89																					218			
7- / 87																					324			
8- / 85																					311			
9- / 83																					556			
10- / 81																					1030			
11- / 79																					863			
12- / 77																					1003			
1- / 75																					968			
2- / 73																					881			
3- / 71																					896			
4- / 69																					890			
5- / 67																					583			
6- / 65																					648			
7- / 63																					1033			
8- / 61																					695			
9- / 59																					741			
10- / 57																					660			
11- / 55																					762			
12- / 53																					687			
1- / 51																					615			
2- / 49																					419			
3- / 47																					647			
4- / 45																					901			
5- / 43																					708			
6- / 41																					800			
7- / 39																					743			
8- / 37																					683			
9- / 35																					803			
10- / 33																					628			
Element (X)	Σ X ²		Σ X		X̄		C _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
JAN 64

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43279 YONGSAN AB KC

73-80

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76-08			MEAN 22.1	25.3	34.8	47.0	56.4	66.3	73.9	74.1	63.8	51.4	38.5	28.3	48.2
			S.D. 9.113	9.353	6.787	6.934	5.590	4.432	4.553	4.171	6.199	7.339	9.431	9.770	19.328
			TOTAL OBS 536	484	544	525	527	476	486	500	464	475	473	476	5966
76-11			MEAN 25.9	29.6	40.8	54.1	64.3	72.1	78.8	79.3	70.1	58.3	43.2	32.1	53.7
			S.D. 8.580	9.206	7.108	6.684	6.257	4.993	5.403	4.498	5.274	7.056	9.793	8.971	19.852
			TOTAL OBS 623	558	636	614	617	538	540	565	533	536	534	536	6830
76-14			MEAN 31.8	35.5	47.6	60.0	70.3	76.8	82.7	83.4	76.3	65.6	49.3	37.6	59.2
			S.D. 8.631	9.606	7.798	7.643	7.426	5.609	6.125	5.192	5.014	7.102	10.540	8.633	19.567
			TOTAL OBS 578	516	585	563	567	481	483	529	491	492	497	497	6279
76-17			MEAN 33.6	37.0	49.1	61.1	71.1	77.8	83.8	84.3	77.1	66.6	49.9	39.2	60.4
			S.D. 8.452	9.579	7.828	8.228	7.688	5.770	6.163	5.300	5.219	7.455	10.493	8.922	19.447
			TOTAL OBS 530	469	533	519	524	435	444	474	444	414	433	434	5653
			MEAN												
			S.D.												
			TOTAL OBS												
			MEAN												
			S.D.												
			TOTAL OBS												
			MEAN												
			S.D.												
			TOTAL OBS												
ALL HOURS			MEAN 28.3	31.8	43.0	55.6	65.6	73.1	79.7	80.2	71.7	60.3	45.1	34.1	55.3
			S.D. 9.781	10.488	9.254	9.189	8.879	6.880	6.759	6.217	7.517	9.420	11.064	10.026	20.135
			TOTAL OBS 2267	2027	2298	2221	2235	1930	1953	2068	1932	1917	1937	1943	24728



USAFETAC FORM 0.89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION.
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43276

YONGSAN AB KO

73-80

STAFF ON NAME

YEARS

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5-10	MEAN	20.6	23.5	32.4	43.6	52.5	62.8	71.0	70.6	60.9	49.1	36.2	26.8	45.6
	S.D.	9.033	9.248	6.682	6.556	5.124	4.511	4.442	4.686	5.891	7.310	9.201	9.618	18.687
	TOTAL OBS.	536	484	544	525	527	475	486	500	464	475	472	476	5964
4-11	MEAN	23.6	26.4	36.1	47.3	56.0	65.0	72.7	72.8	63.7	52.6	38.9	29.7	48.3
	S.D.	8.430	8.900	6.411	6.099	4.872	4.238	4.278	4.390	5.198	6.782	9.173	8.811	18.202
	TOTAL OBS.	622	558	636	614	617	538	540	565	533	536	534	536	6829
12-14	MEAN	27.6	30.2	39.8	49.9	58.1	66.5	73.8	73.7	65.3	55.4	41.9	33.0	50.8
	S.D.	8.174	8.633	6.254	6.038	4.987	4.214	4.006	4.275	5.040	6.553	9.145	8.202	17.229
	TOTAL OBS.	578	516	585	563	567	481	483	529	491	492	497	497	6279
10-17	MEAN	28.9	31.2	40.5	50.2	58.4	66.8	74.4	74.2	65.3	55.6	42.4	34.0	51.4
	S.D.	7.841	8.370	6.030	6.261	5.142	4.114	3.831	4.133	5.130	6.618	8.954	8.309	16.981
	TOTAL OBS.	532	469	533	519	524	435	444	474	444	414	433	434	5653
	MEAN													
	S.D.													
	TOTAL OBS.													
	MEAN													
	S.D.													
	TOTAL OBS.													
	MEAN													
	S.D.													
	TOTAL OBS.													
ALL HOURS	MEAN	25.1	27.8	37.2	47.8	56.2	65.2	72.9	72.8	63.8	53.1	39.8	30.8	49.0
	S.D.	8.966	9.286	7.087	6.750	5.528	4.544	4.343	4.583	5.597	7.298	9.440	9.179	17.948
	TOTAL OBS.	2266	2027	2298	2221	2235	1929	1953	2068	1932	1917	1936	1943	24725

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41279 YONGSAN AB KO

73-80

		STATION NAME												YEARS
HR	PERIOD	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6-08	MEAN	14.3	18.0	27.8	39.5	48.9	60.4	69.4	68.7	58.9	46.8	32.5	23.1	42.1
	S.D.	12.717	12.119	9.266	7.766	6.165	5.492	4.990	5.802	6.445	8.471	10.896	11.500	20.565
	TOTAL OBS	536	484	544	525	527	475	486	500	464	475	472	476	5964
9-11	MEAN	16.6	18.4	28.6	39.7	48.8	60.4	69.7	69.4	59.4	47.1	32.5	24.1	42.4
	S.D.	11.847	12.818	9.361	8.989	6.794	5.845	5.041	5.947	6.949	9.241	11.402	11.547	20.421
	TOTAL OBS	622	558	636	614	617	538	540	565	533	536	534	536	6829
12-14	MEAN	17.6	19.0	28.4	38.8	47.9	60.0	69.5	69.0	58.3	46.1	32.2	24.2	42.0
	S.D.	12.180	12.308	9.098	10.147	7.618	6.453	4.920	6.158	7.499	9.808	11.476	11.640	20.211
	TOTAL OBS	578	516	585	563	567	481	483	529	491	492	497	497	6279
15-17	MEAN	18.4	19.4	28.3	38.5	47.9	59.9	70.0	69.5	57.5	45.6	32.5	24.8	42.2
	S.D.	11.756	12.041	9.047	10.180	8.157	6.524	4.804	6.001	7.850	9.913	11.155	11.626	20.098
	TOTAL OBS	530	469	533	519	524	435	444	474	444	414	433	434	5653
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	16.9	18.7	28.3	39.1	48.4	60.2	69.7	69.2	58.6	46.4	32.4	24.0	42.2
	S.D.	12.184	12.349	9.199	9.329	7.224	6.077	4.947	5.984	7.223	9.368	11.237	11.583	20.329
	TOTAL OBS	2266	2027	2298	2221	2235	1929	1953	2068	1932	1917	1936	1943	24725

LOCAL CLIMATOLOGY BRANCH
JANETAC
ALL WEATHER SERVICE/MAC

USE WITH CAUTION.
SEE FIRST PAGE

RELATIVE HUMIDITY

42074 YONGJIAN AF KC
STATION

73-82

JAN.
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01-02											
	03-05											
	06-08	99.6	99.3	98.9	98.3	91.2	79.7	61.6	46.8	27.5	75.1	536
	09-11	100.0	100.0	99.7	99.0	83.9	71.2	48.3	28.0	11.1	66.4	622
	12-14	100.0	100.0	99.2	94.4	84.2	38.1	19.2	11.6	5.0	57.4	576
	15-17	100.0	100.0	96.4	80.9	57.7	32.6	15.7	11.1	4.7	55.5	531
	18-20											
	21-23											
TOTALS		99.9	99.8	97.7	89.2	74.3	55.4	36.2	23.9	10.3	64.3	2266

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

43279 YONNESAN AB KC

72-24

U

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	02-02											
	03-05											
	06-08	100.0	100.0	99.6	97.5	93.4	85.5	60.3	30.0	14.4	74.6	484
	09-11	100.0	100.0	97.8	71.2	78.5	60.2	34.9	15.7	9.2	64.6	350
	12-14	100.0	99.8	94.6	76.7	54.5	25.6	11.0	6.6	3.5	52.0	316
	15-17	100.0	98.7	91.0	71.2	51.4	23.7	11.7	6.3	0.8	51.4	469
	18-20											
	21-23											
TOTALS		100.0	99.6	95.5	84.2	69.5	48.8	29.7	10.2	9.2	60.9	2027

GLOBAL CLIMATOLOGY BRANCH
JOANETAC
AIR WEATHER SERVICE/MAO

USE WITH CAUTION
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RELATIVE HUMIDITY

43279 YONGSAN AB KO
STATION

STATION NAME

73-85

PERIOD

467

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	02-02											
	03-05											
	06-08	100.0	100.0	99.4	98.3	94.7	85.8	66.7	45.4	21.5	78.7	144
	09-11	100.0	99.7	98.6	92.9	77.7	53.8	33.3	19.7	5.3	65.8	636
	12-14	100.0	99.1	91.8	69.7	37.7	20.2	12.3	5.2	2.6	49.6	345
	15-17	100.0	99.1	86.3	57.4	23.6	18.9	10.7	5.6	3.4	47.3	373
	18-20											
	21-23											
TOTALS		100.0	99.5	94.0	79.3	60.9	44.7	30.6	19.1	8.2	59.3	2298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

43270 YONGJIAN A9 KC
STATION STATION NAME

73-60

APQ
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

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GLOBAL CLIMATOLOGY BRANCH
JCSFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

43270 YONGSAN AB KO
STATION STATION NAME

73-82

PERIOD

DAY
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	97.7	89.2	72.5	33.7	13.9	76.2	527
	09-11	100.0	100.0	98.7	89.0	67.0	41.2	23.5	10.7	7.4	59.1	517
	12-14	100.0	99.5	37.3	53.9	33.7	19.2	12.3	7.0	4.1	47.7	567
	15-17	100.0	99.0	35.1	54.6	29.2	19.5	12.2	6.6	3.8	46.7	524
	18-20											
	21-23											
TOTALS		100.0	99.6	92.8	75.6	57.0	42.3	30.1	16.3	6.3	57.6	2233

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

43175
STATION

YONCSAN AB KC

STATION NAME

77-79

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.6	95.4	85.6	56.8	21.9	61.6	475
	09-11	100.0	100.0	99.6	97.6	89.0	63.8	41.1	20.0	5.3	67.8	535
	12-14	100.0	100.0	97.3	87.1	63.4	40.5	21.2	9.4	3.7	58.0	491
	15-17	100.0	100.0	95.4	84.6	57.0	34.7	18.2	8.0	5.3	56.1	435
	18-20											
	21-23											
TOTALS		100.0	100.0	98.1	92.3	77.3	59.9	41.6	23.6	9.2	65.9	1929

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
C/AFETAC
ATL. PATH. SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

43-79 YONGSAN AD KU
STATION

STATION NAME

73-79

PERIOD

JUL
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	93.2	75.7	31.9	86.0	486
	09-11	100.0	100.0	100.0	99.8	97.6	88.0	58.3	31.7	11.5	74.4	540
	12-14	100.0	100.0	100.0	99.0	88.4	57.3	31.5	15.9	6.6	65.6	483
	15-17	100.0	100.0	100.0	98.2	86.0	55.0	30.2	16.0	5.9	64.8	444
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	99.3	93.0	74.8	53.3	34.6	14.0	72.7	1953

USE WITH CAUTION
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RELATIVE HUMIDITY

43279 YONGSAN AP KO
STATION

STATION NAME

77-79

PERIOD

AUC
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	94.2	88.6	68.6	27.2	83.5	570
	09-11	100.0	100.0	100.0	99.5	93.6	80.7	58.8	27.4	8.0	72.8	565
	12-14	100.0	100.0	99.2	95.8	81.9	57.3	26.1	12.7	3.4	63.4	529
	15-17	100.0	100.0	98.9	94.3	82.3	52.7	24.1	10.8	3.2	62.4	474
	18-20											
	21-23											
TOTALS		100.0	100.0	99.5	97.4	89.4	71.2	49.4	29.9	10.5	70.5	2068

USAFETAC FORM 0-87-5 (OL A)
JUL 64

USE WITH CAUTION
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RELATIVE HUMIDITY

43272 YONGJAN AA KO

73-79

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	97.2	83.8	69.6	31.9	84.5	464
	09-11	100.0	100.0	100.0	93.7	93.4	73.2	49.5	22.1	5.1	69.8	533
	12-14	100.0	100.0	99.0	89.2	59.5	30.3	14.7	6.3	1.0	55.7	491
	15-17	100.0	100.0	96.2	81.3	46.6	21.8	9.9	3.6	.5	52.1	444
	18-20											
	21-23											
TOTALS		100.0	100.0	99.3	92.3	74.9	55.6	40.7	25.5	9.6	65.5	1932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

43279 YONGSAN AB KO

73-79

CCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
CCT	01-02											
	03-05											
	06-08	100.0	100.0	100.0	99.4	99.2	97.3	91.4	71.1	30.2	64.7	475
	09-11	100.0	99.8	98.7	97.0	88.2	65.5	45.5	19.4	7.1	67.9	576
	12-14	100.0	99.4	94.3	77.8	45.7	22.2	9.1	3.0	1.6	51.0	492
	15-17	100.0	99.3	92.0	69.6	41.1	18.6	7.2	1.4	.7	46.6	414
	18-20											
	21-23											
TOTALS		100.0	99.6	96.5	86.0	68.6	50.9	38.3	23.5	11.2	63.0	1917

USAFETAC

FORM
JUL 64

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USE WITH CAUTION
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RELATIVE HUMIDITY

47. 21 YONGSAL AB KC
STATION

STATION NAME

73-79

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	1-5											
	6-10											
	11-15	100.0	100.0	100.0	99.6	97.9	92.7	76.7	51.2	24.4	74.6	472
	16-20	100.0	100.0	99.6	95.7	86.7	65.5	42.1	22.5	8.2	67.4	334
	21-25	100.0	100.0	97.0	80.2	52.1	28.4	13.1	5.4	2.2	53.5	497
	26-30	100.0	100.0	93.9	30.1	45.3	24.9	12.9	5.5	0.6	52.1	433
	31											
	TOTALS	100.0	100.0	98.1	88.9	71.1	52.4	36.2	21.8	9.9	63.4	1874

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UFC
MONTH

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FORM 113-A4

0-87.5 (OL A)

2

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

41171 YONGBUAN AB KO

73-80

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.9	99.5	97.7	89.2	74.3	55.4	36.2	23.6	11.3	64.3	2266
FEB		100.0	99.6	97.5	84.2	69.5	49.8	29.7	16.2	7.2	61.9	1137
MAR		100.0	99.5	94.7	79.3	67.9	44.7	37.4	19.1	4.2	59.3	2298
APR		100.0	98.1	90.1	75.3	61.1	45.7	31.8	16.5	6.1	57.9	2221
MAY		100.0	99.6	92.3	75.6	57.7	42.3	30.1	16.3	6.3	57.6	2235
JUN		100.0	100.0	97.1	82.3	77.3	59.9	41.6	23.6	9.2	65.9	1929
JUL		100.0	100.0	100.0	99.3	93.7	74.8	53.3	34.6	14.0	71.7	1953
AUG		100.0	100.0	99.5	97.4	89.4	71.2	49.4	29.7	17.5	70.5	2165
SEP		100.0	100.0	99.7	92.3	74.9	55.6	40.7	20.5	7.6	60.5	1932
OCT		100.0	99.6	98.5	86.0	68.6	50.9	38.3	23.5	11.2	63.1	1917
NOV		100.0	100.0	98.1	88.9	71.1	52.4	36.2	21.8	9.8	63.4	1936
DEC		100.0	99.6	94.5	84.3	60.9	64.6	44.9	29.6	13.9	65.4	1943
TOTALS		100.0	99.7	96.7	87.8	73.2	55.5	38.5	23.6	9.8	64.1	24705

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

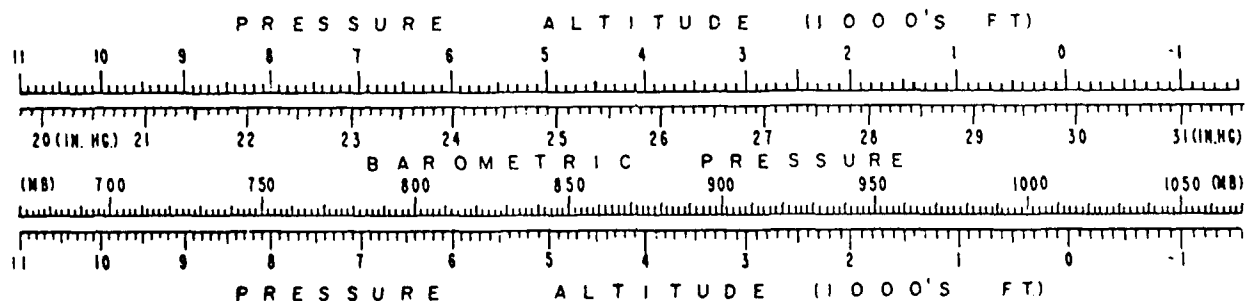
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. **DATA NOT AVAILABLE**

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

43-75 YONGSAN AB KO

73-81

		YEARS												ANNUAL
HO	ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
10	MEAN													
	S.D.													
	TOTAL OBS.													
13	MEAN													
	S.D.													
	TOTAL OBS.													
16	MEAN	30.16030	30.10430	30.03429	29.91029	29.82729	29.69229	29.68529	29.71029	29.87030	30.05230	30.17030	30.199	29.949
	S.D.	.155	.174	.151	.170	.121	.145	.111	.140	.126	.158	.154	.161	.238
	TOTAL OBS.	127	115	126	122	120	125	132	127	114	122	120	122	1472
19	MEAN	30.19830	30.15930	30.09229	29.93829	29.85029	29.71029	29.70329	29.73829	29.90230	30.08030	30.19330	30.225	29.984
	S.D.	.156	.185	.153	.163	.148	.145	.116	.147	.125	.155	.161	.154	.243
	TOTAL OBS.	207	187	212	201	206	179	180	188	178	179	178	180	2275
17	MEAN	30.18530	30.15030	30.07029	29.92229	29.83429	29.69429	29.69329	29.72829	29.88630	30.05330	30.17330	30.211	29.968
	S.D.	.153	.184	.157	.157	.144	.138	.117	.150	.122	.163	.161	.155	.242
	TOTAL OBS.	207	185	213	200	206	180	179	189	175	178	178	178	2268
15	MEAN	30.12830	30.09830	30.01629	29.88029	29.79029	29.65529	29.66429	29.69529	29.85130	30.00530	30.13330	30.165	29.925
	S.D.	.160	.181	.148	.139	.139	.132	.116	.158	.110	.153	.164	.147	.234
	TOTAL OBS.	179	158	178	172	177	146	149	159	148	138	147	146	1697
18	MEAN													
	S.D.													
	TOTAL OBS.													
21	MEAN													
	S.D.													
	TOTAL OBS.													
ALL HOURS	MEAN	30.17030	30.13230	30.05729	29.91429	29.82729	29.68929	29.68729	29.71929	29.87930	30.05030	30.16930	30.202	29.959
	S.D.	.159	.183	.155	.158	.142	.141	.116	.150	.122	.159	.162	.155	.241
	TOTAL OBS.	723	645	729	695	709	630	640	663	615	617	623	626	7912

END

DATE
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8-81

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